

JOHN P.A. IOANNIDIS

Short biosketch, October 2010

John P.A. Ioannidis currently holds the C.F. Rehnborg Chair in Disease Prevention at Stanford University and is Professor of Medicine and Director of the Stanford Prevention Research Center at Stanford University School of Medicine. He has previously chaired the Department of Hygiene and Epidemiology at the University of Ioannina School of Medicine in Greece since 1999 (a tenured professor since 2003, on leave since 8/2010). He was born in New York, NY in 1965 and grew up in Athens, Greece. He was Valedictorian of his class (1984) at Athens College and won a number of early awards, including the National Award of the Greek Mathematical Society, in 1984. He graduated in the top rank of his class from the School of Medicine, University of Athens, in 1990 and earned a doctorate in biopathology. He trained at Harvard and Tufts, specializing in Internal Medicine and Infectious Diseases, and then held positions at NIH, Johns Hopkins University School of Medicine and Tufts University School of Medicine before returning to Greece in 1999. He has been adjunct faculty for the Tufts University School of Medicine since 1996, with the rank of professor since 2002. Since 2008 he has been leading the Genetics/Genomics component of the Tufts Clinical and Translational Science Institute (CTSI) and the Center for Genetic Epidemiology and Modeling (CGEM) of the Tufts Institute for Clinical Research and Health Policy Studies at Tufts Medical Center. He is also adjunct professor of epidemiology at the Harvard School of Public Health and visiting professor of epidemiology and biostatistics at Imperial College London. Dr. Ioannidis is a member of the executive board of the Human Genome Epidemiology Network, and has served as President of the Society for Research Synthesis Methodology, as a member of the editorial board of 26 leading international journals (including PLoS Medicine, Lancet, Annals of Internal Medicine, Journal of the National Cancer Institute, AIDS, International Journal of Epidemiology, Journal of Clinical Epidemiology, Clinical Trials, Cancer Treatment Reviews, Open Medicine, and PLoS ONE, among others) and as Editor-in-Chief of the European Journal of Clinical Investigation for the period 2010-2014. He has given more than 200 invited and honorary lectures. His publication record includes over 450 peer-reviewed papers, over 40 books and book chapters, and several other writings, and he has already received over 20,000 citations in the literature with Hirsch indices $h=78$, $m=4.7$, $hm=46$ per GoogleScholar as of 10/2010. He has received several awards, including the European Award for Excellence in Clinical Science for 2007, and was elected a regular member of the Association of American Physicians in 2009. His 2005 paper in PLoS Medicine, "Why most Published Research Findings are False," has been the most-downloaded article in the history of Public Library of Science and has been described by the Boston Globe as an instant cult classic. His work combines skills in clinical research methodology and evidence-based medicine with the challenges of current molecular medicine and genomics.

Detailed CV, October 2010

TITLES

C.F. Rehnborg Chair in Disease Prevention
Professor of Medicine and Director
Stanford Prevention Research Center
Stanford University School of Medicine, Stanford, USA

On leave: Professor and Chairman, Department of Hygiene and Epidemiology,
University of Ioannina School of Medicine, Ioannina, Greece

Professor of Medicine (adjunct), Department of Medicine
Tufts University School of Medicine, Boston, USA
Director, Center for Genetic Epidemiology and Modeling, ICRHPS, Tufts Medical Center
Adjunct Professor, Tufts Clinical and Translational Science Institute
Professor of Epidemiology (adjunct), Harvard School of Public Health, Boston, USA
Visiting Professor of Epidemiology and Biostatistics, Imperial College London, UK

ADDRESS (USA)

Stanford Prevention Research Center
Medical School Office Building
Room X306
251 Campus Dr
Stanford, CA 94305
USA

Tel (administrative assistant Marci Palacios): +650-7255465
Fax: +650-7256247
E-mail: jioannid@stanford.edu

ADDRESS (GREECE)

Department of Hygiene and Epidemiology
University of Ioannina School of Medicine
Ioannina 45110, Greece

Tel: +3026510-07807
Fax: +3026510-07867
E-mail: jioannid@cc.uoi.gr

WEB ADDRESSES:

Stanford: http://med.stanford.edu/profiles/John_Ioannidis

Ioannina: <http://www.dhe.med.uoi.gr>

Tufts: <http://160.109.101.132/icrhps/faculty/facultypages/IoannidisJohnPA.asp>

Harvard: <http://www.hsph.harvard.edu/faculty/john-ioannidis/>

Imperial College London: <http://www.imperial.ac.uk/collegedirectory/index.asp?PeopleID=268245>

BACKGROUND

- * Born 8/21/1965 in New York, NY, USA; married to Despina Contopoulos-Ioannidis, MD (pediatrician, tenure-track faculty at U Ioannina School of Medicine); children: one daughter (Angeliki Diotima)
- * Citizenships: Greece/European Union and USA.
- * Languages: Greek, English, French, German, and Italian.

EDUCATION

- Undergraduate:* Athens College, Athens, Greece (1984). Valedictorian, rank number 1 in my class
- Medical degree:* University of Athens, Athens, Greece, M.D. (1990). Grade: Excellent, rank number 1 in my class
- Residency:* Internal Medicine, New England Deaconess Hospital, Harvard Medical School, Boston, MA, USA 1990-3.
- Fellowship:* Infectious Diseases, New England Medical Center Hospitals, Tufts University School of Medicine, Boston, MA, USA 7/93-6/96 (concurrently doing research at the Division of Clinical Care Research, currently Institute for Clinical Research and Health Policy Studies).
- Doctoral thesis:* Department of Biopathology, University of Athens School of Medicine (“Development of human brain cultures, isolation of microglial cells and study of their infection with HIV-1”) – DSc Grade: Excellent, defended and awarded in 1996.

APPOINTMENTS

- 1990-3 Clinical Fellow in Medicine, Harvard Medical School, Boston, Massachusetts, USA
- 1993-6 Clinical and Research Fellow, New England Medical Center Hospitals, Tufts University School of Medicine, Boston, Massachusetts, USA
- 1996-8 Medical Officer, HIV Research Branch, Division of AIDS, National Institute of Allergy and Infectious Diseases, National Institutes of Health, Bethesda, Maryland, USA (career position; responsible for the co-ordination, design, support and medical monitoring of NIAID-sponsored clinical trials of HIV therapeutics research with emphasis on concept trials, large trials and community trials)
- 1996-8 Assistant Professor of Medicine (part-time), Infectious Diseases, Johns Hopkins University School of Medicine, Baltimore, Maryland, USA
- 1996-8 Assistant Professor of Medicine (adjunct), Department of Medicine, Tufts University School of Medicine, Boston, Massachusetts, USA
- 1996-8 Associate Medical Staff, Johns Hopkins Hospital, Baltimore, Maryland, USA. Attending, HIV Clinic
- 1998-2001 Associate Professor of Medicine (adjunct), Department of Medicine, Tufts University School of Medicine, Boston, Massachusetts, USA
- 2002- Professor of Medicine (adjunct), Department of Medicine, Tufts University School of Medicine, Boston, Massachusetts, USA. Since 10/2008, Director of the Genetics/Genomics component of the Tufts Clinical and Translational Science Institute and of the Center for Genetic Epidemiology and Modeling, Institute for Clinical Research and Health Policy Studies, Tufts Medical Center, Boston, USA.
- 1998-2003 [Elected 5/98], Associate Professor (tenured) and Chairman, Department of Hygiene and Epidemiology, University of Ioannina School of Medicine, Ioannina, Greece
- 2003- [Elected 12/2003], Professor (tenured) and Chairman, Department of Hygiene and Epidemiology, University of Ioannina School of Medicine, Ioannina, Greece. On leave after August 2010.
- 2010- Professor of Epidemiology (adjunct), Harvard School of Public Health, Boston, USA

2010-
2010-

Visiting Professor of Epidemiology and Biostatistics, Imperial College London, UK
C.F. Rehnberg Chair in Disease Prevention, Professor of Medicine and Director,
Stanford Prevention Research Center, Stanford University School of Medicine,
Stanford, USA (as of 8/2010)

PEER-REVIEWED PUBLICATIONS IN INTERNATIONAL JOURNALS

1. *Ioannidis JPA, Samarel MD, Lau J, Drapkin MS*. Risk of gastrointestinal bleeding from dexamethasone in children with bacterial meningitis (letter). **Lancet** 1994, 343:792.
2. *Ioannidis JPA, Iacoviello VR, Samore MH*. Insulin-dependent diabetes in AIDS. **AIDS** 1994, 8:556-7.
3. *Ioannidis JPA, Snyderman DR, Robrer RJ, Freeman RB, Haug CE*. Aspergillus fumigatus infection in a biloma (letter). **Clinical Infectious Diseases** 1995, 20:1427-8.
4. *Ioannidis JPA, Cappelleri JC, Lau J, Skolnik PR, Melville B, Chalmers TC, Sacks HS*. Early or deferred zidovudine in HIV-infected patients without an AIDS-defining illness. A meta-analysis. **Annals of Internal Medicine** 1995, 122:856-66.
5. *Ioannidis JPA, Skolnik PR, Chalmers TC, Lau J*. Human leukocyte antigen associations of epidemic Kaposi's sarcoma. **AIDS** 1995, 9:649-51.
6. *Ioannidis JPA, Griffiths J, Worthington M, Snyderman DR*. Spectrum and significance of bacteremia due to *Moraxella catarrhalis*. **Clinical Infectious Diseases** 1995, 21:390-7.
7. *Ioannidis JPA, Cappelleri JC, Skolnik PR, Lau J, Sacks HS*. A meta-analysis of the relative efficacy and toxicity of *Pneumocystis carinii* prophylactic regimens. **Archives of Internal Medicine** 1996, 156:177-88.
8. *Ioannidis JPA, Merino F, Drapkin M, Lew M, Cohn L*. Pneumococcal aortitis in the antibiotic era. **Archives of Internal Medicine** 1995, 155:1678-80.
9. *Ioannidis JPA, Reichlin S, Skolnik PR*. Long-term productive HIV-1 infection in human infant microglia. **American Journal of Pathology** 1995, 147:1200-6.
10. *Barza M, Ioannidis JPA, Cappelleri JC, Lau J*. Single or multiple daily doses of aminoglycosides: a meta-analysis. **British Medical Journal** 1996, 312:338-45. See also accompanying editor-invited commentary in the same issue. See also comments and reply in 1996,313:490-1.
11. *Ioannidis JPA, Cappelleri JC, Lau J, Sacks HS, Skolnik PR*. Predictive value of viral load in asymptomatic untreated HIV-1 infection. A mathematical model. **AIDS** 1996, 10:255-62.
12. *Ioannidis JPA, Cappelleri JC, Schmid CH, Lau J*. Impact of epidemic and individual heterogeneity on the population distribution of disease progression rates. An example from populations of trials of human immunodeficiency virus infection. **American Journal of Epidemiology** 1996, 144:1074-85.
13. *Ioannidis JPA, Cappelleri JC, Lau J*. Viral load and response to treatment of HIV (letter). **New England Journal of Medicine** 1996, 334:1671-3.
14. *Cappelleri JC, Ioannidis JPA, Schmid CH, deFerranti SD, Aubert M, Chalmers TC, Lau J*. Large trials versus meta-analysis of smaller trials: how do their results compare? **JAMA** 1996, 276:1332-8. See also comments and reply in 1997, 277:376-77.
15. *Lau J, Ioannidis JPA, Schmid CH*. Quantitative synthesis in systematic reviews. **Annals of Internal Medicine** 1997, 127:820-6.
16. *Ioannidis JPA, Lau J*. On meta-analyses of meta-analyses (letter) **Lancet** 1996, 348:756.
17. *Ioannidis JPA, Sacks HS, Cappelleri JC, Lau J*. Clinical efficacy of antiretroviral changes in HIV-infected patients with prior antiretroviral treatment. A meta-analysis **Online Journal of Current Clinical Trials** 15 May 1997, (Doc. 204).
18. *Bonis PAL, Ioannidis JPA, Cappelleri JC, Kaplan MM, Lau J*. Correlation of biochemical response to alpha interferon with histological improvement in hepatitis C: A meta-analysis of diagnostic test characteristics **Hepatology** 1997, 26:1035-44.
19. *Ioannidis JPA, Cappelleri JC, Melville B, Sacks HS, Lau J*. The relationship between study design, results and reporting of randomized clinical trials of HIV-1 infection. **Controlled Clinical Trials** 1997, 18:431-44.
20. *Ioannidis JPA, Bassett R, Hughes MD, Sacks HS, Volberding PA, Lau J*. Predictors and impact of patients lost

- to follow-up in a long-term trial of early versus deferred antiretroviral therapy. **Journal of Acquired Immune Deficiency Syndromes and Human Retrovirology** 1997,16:22-30.
21. Ioannidis JPA. Effect of the statistical significance of results on the time to completion and publication of randomized efficacy trials. **JAMA** 1998, 279:281-6. See also accompanying editorial at 279:319-20.
 22. Ioannidis JPA, Dixon DO, McIntosh M, Albert JM, Bozzette S, Schnittman SM. Relationship between event rates and treatment effects in clinical site differences within multicenter trials. **Controlled Clinical Trials** 1999, 20:253-66.
 23. Ioannidis JPA, Lau J. The impact of high risk patients on the results of clinical trials. **Journal of Clinical Epidemiology** 1997, 50:1089-98.
 24. DeFerranti SD, Ioannidis JPA, Lau J, Anninger W, Barza M. Are amoxicillin and folate inhibitors as effective as other antibiotics for acute sinusitis? A meta-analysis. **British Medical Journal** 1998, 317:632-7.
 25. Wynia M, Ioannidis JPA, Lau J. Analysis of lifelong strategies to prevent *Pneumocystis carinii* pneumonia in patients with variable HIV progression rates. **AIDS** 1998, 12:1317-25.
 26. Ioannidis JPA, McQueen P, Goedert JJ, Kaslow RA. Use of neural networks to model complex immunogenetic associations of disease: HLA impact on the progression of HIV infection **American Journal of Epidemiology** 1998, 147:464-71.
 27. Albert JM, Ioannidis JPA, Reichelderfer P, Conway B, Coombs RW, Crane L, Demasi R, Dixon DO, Flandre P, Hughes MD, Kalish LA, Larntz K, Lin D, Marschner IC, Munoz A, Murray J, Neaton J, Pettinelli C, Rida W, Taylor JMG, Welles SL for the NIAID workshop on surrogate endpoints participants. Statistical issues for HIV surrogate endpoints: point/counterpoint. **Statistics in Medicine** 1998, 17:2735-62.
 28. Lau J, Ioannidis JPA, Schmid CH. Summing up evidence: one answer is not always enough. **Lancet** 1998, 351:123-7. See also accompanying editorial in 351:8.
 29. Contopoulos-Ioannidis DG, Ioannidis JPA. Maternal cell-free viremia in the natural history of perinatal HIV-1 transmission. A meta-analysis. **Journal of Acquired Immune Deficiency Syndromes and Human Retrovirology** 1998, 18:126-35.
 30. Ioannidis JPA, Cappelleri JC, Lau J. Meta-analyses and large randomized controlled trials (letter). **New England Journal of Medicine** 1998, 338:59-62.
 31. Ioannidis JPA, Goedert JJ, McQueen PG, Enger C, Kaslow RA. Comparison of viral load and HLA statistical and neural network predictive models for the rate of HIV disease progression across two cohorts of homosexual men. **Journal of Acquired Immune Deficiency Syndromes and Human Retrovirology** 1999, 20:129-36.
 32. Ioannidis JPA, Collier AC, Cooper DA, Corey L, Fiddian AP, Gazzard B, Griffiths PD, Contopoulos-Ioannidis DG, Lau J, Paria AT, Saag MS, Spruance S, Youle MS. Clinical efficacy of acyclovir in patients with human immunodeficiency virus infection: a meta-analysis of randomized individual patient data. **Journal of Infectious Diseases** 1998, 178:349-59.
 33. Ioannidis JP, Lau J. Heterogeneity of the baseline risk within patient populations of clinical trials: a proposed evaluation algorithm. **American Journal of Epidemiology** 1998, 148:1117-26.
 34. Ioannidis JPA, Cappelleri JC, Lau J. Issues in comparisons between meta-analyses and large trials. **JAMA** 1998, 279:1089-93.
 35. Ioannidis JPA, Lau J. Uncontrolled pearls, controlled evidence, meta-analysis and the individual patient. **Journal of Clinical Epidemiology** 1998, 51:709-11.
 36. Ioannidis JPA, Contopoulos-Ioannidis DG. Reporting of safety data from randomised trials. **Lancet** 1998, 352:1752-3.
 37. Ioannidis JPA, Contopoulos-Ioannidis DG, Lau J. Recursive cumulative meta-analysis: a diagnostic for the evolution of total randomized evidence from group and individual patient data. **Journal of Clinical Epidemiology** 1999, 52:281-91.
 38. Ioannidis JPA, O'Brien TR, Rosenberg PS, Contopoulos-Ioannidis DG, Goedert JJ. Genetic effects on HIV disease progression (letter). **Nature Medicine** 1998, 4:536.
 39. Havlic DV, Marschner I, Hirsch M, Colier AC, Tebas P, Bassett R, Ioannidis JPA, Holohan MK, Leavitt R, Boone G,

- Richman DD for the AIDS Clinical Trials Group 343 Study Team. Maintenance antiretroviral therapy in HIV-infected patients who have achieved undetectable plasma HIV RNA with triple combination therapy. **New England Journal of Medicine** 1998, 339:1261-8. See also accompanying editorial in the same issue, pp. 1319-21.
40. Ioannidis JPA, Lau J. Meta-analysis: a science of bias, dissent and diversity. **SGIM Forum** 1998, 21: 5,11 (editorial).
 41. Ioannidis JPA, Taba ET, Kummvenda N, Broadhead R, Mtimavalye L, Miotti P, Yellin F, Contopoulos-Ioannidis DG, Biggar RJ. Predictors and impact of losses to follow-up in a HIV-1 perinatal transmission cohort in Malawi. **International Journal of Epidemiology** 1999, 28:769-75.
 42. Ioannidis JPA, Lau J. Can quality of clinical trials and meta-analysis be quantified? **Lancet** 1998, 352:590-1 (editorial).
 43. Ioannidis JPA, O'Brien TR, Goedert JJ. Evaluation of guidelines for the initiation of highly active antiretroviral therapy in a longitudinal cohort of HIV-infected patients. **AIDS** 1998, 12: 2417-23.
 44. Ioannidis JPA, Lau J. Benefits and limitations of meta-analysis. **Joint Commission Journal of Quality Improvement** 1999, 25:462-9.
 45. Ioannidis JPA, Moutsopoulos HM. Sjogren's syndrome: too many associations, too limited evidence. **Seminars in Arthritis and Rheumatism** 1999, 29:1-3.
 46. Ioannidis JPA, Lau J. State-of-the-evidence: current status and prospects of meta-analysis in infectious diseases. **Clinical Infectious Diseases** 1999, 29:1178-85.
 47. HIV Trialists' Collaborative Group (including Ioannidis JPA). Meta-analyses of the randomised evidence on zidovudine, didanosine and zalcitabine in the treatment of HIV infection. **Lancet** 1999, 353:2014-25. See also editorial in the same issue, pp. 1989-90.
 48. Ioannidis JPA, Schmid CH, Lau J. Meta-analysis in hematology and oncology. **Hematology/Oncology Clinics of North America** 2000, 14:973-91.
 49. Mavragani CP, Ioannidis JPA, Tzioufas AG, Hantoumi IE, Moutsopoulos HM. Recurrent pregnancy loss and autoantibody profile in autoimmune diseases. **Rheumatology** 1999, 38:1228-33.
 50. Boletis JN, Ioannidis JPA, Boki KA, Moutsopoulos HM. Intravenous immunoglobulin compared with cyclophosphamide for proliferative lupus nephritis. **Lancet** 1999, 354:569-70.
 51. Sipsas NV, Kokori SI, Ioannidis JPA, Kyriaki D, Tzioufas AG, Kordosis T. Circulating autoantibodies to erythropoietin are associated with HIV-1 related anemia. **Journal of Infectious Diseases** 1999, 180:2044-7.
 52. Kokori SI, Ioannidis JPA, Voulgarelis M, Tzioufas AG, Moutsopoulos HM. Autoimmune hemolytic anemia in patients with systemic lupus erythematosus. **American Journal of Medicine** 2000, 108:198-204.
 53. Ioannidis JPA, Boki KA, Katsorida M, Drosos AA, Boletis JN, Skopouli FN, Moutsopoulos HM. Remission, relapse, and re-remission of proliferative lupus nephritis treated with cyclophosphamide. **Kidney International** 2000, 57:258-64.
 54. Ioannidis JPA, Tektonidou MG, Vlachoyiannopoulos PG, Stavropoulos-Giokas C, Spiropoulou M, Reveille J, Arnett FC, Moutsopoulos HM. HLA associations of anti-beta2 glycoprotein I response in a Greek cohort with antiphospholipid syndrome and meta-analysis of four ethnic groups. **Human Immunology** 1999, 60:1274-80.
 55. Skopouli FN, Dafni U, Ioannidis JPA, Moutsopoulos HM. Clinical evolution, mortality and morbidity of primary Sjogren's syndrome. **Seminars in Arthritis and Rheumatism** 2000, 29:296-304.
 56. Rizou C, Ioannidis JPA, Panou-Pomoni E, Sakarellos, Sakarellos-Daitsiotis, Moutsopoulos HM, Vlachoyiannopoulos PG. B-cell epitope mapping of DNA topoisomerase I defines epitopes strongly associated with pulmonary fibrosis in systemic sclerosis. **American Journal of Respiratory Cell and Molecular Biology** 2000, 22:344-51.
 57. Ioannidis JPA, Contopoulos-Ioannidis DG. Maternal viral load and perinatal transmission of HIV-1. **New England Journal of Medicine** 1999, 341:1698-1700 (letter).
 58. Voulgarelis M, Kokori SIG, Ioannidis JPA, Tzioufas AG, Kyriaki D, Moutsopoulos HM. Anaemia in systemic

- lupus erythematosus: aetiologic profile and the role of erythropoietin. **Annals of the Rheumatic Diseases** 2000, 59:217-22.
59. Baxter JD, Mayers DL, Wentworth DN, Neaton JD, Hoover ML, Winters M, Mannheimer S, Thompson M, Abrams DI, Brizzi B, Ioannidis JPA, Merigan TC and the CPCRA 046 Study Team for the Terry Beirn Community Programs for Clinical Research on AIDS. A randomized study of antiretroviral management based on plasma genotypic antiretroviral resistance testing in patients failing therapy. **AIDS** 2000, 14:F83-93.
 60. O'Brien TR, McDermott DH, Ioannidis JPA, Carrington M, Murphy PM, Havlir DV, Richman DD. Effect of chemokine receptor gene polymorphisms on the response to potent antiretroviral therapy. **AIDS** 2000, 14:821-6.
 61. Mathys JM, Melanson SM, Schiffer-Alberts DJ, Ioannidis JP, Koziel H, Skolnik PR. NF- κ B modulates TNF- α production by alveolar macrophages in asymptomatic HIV-seropositive individuals. **Journal of Immunology** 2000, 164:1588-94.
 62. Tektonidou MG, Petrouvas CA, Ioannidis JPA, Vlachoyiannopoulos PG, Moutsopoulos HM. Clinical importance of antibodies against platelet activating factor in antiphospholipid syndrome manifestations. **European Journal of Clinical Investigation** 2000, 30:646-52.
 63. Karassa FB, Ioannidis JPA, Touloumi G, Boki KA, Moutsopoulos HM. Risk factors for central nervous system involvement in systemic lupus erythematosus. **Quarterly Journal of Medicine** 2000, 93:169-74.
 64. Ioannidis JPA, Havlir DV, Tebas P, Hirsch MS, Collier AC, Richman DD. Dynamics of HIV-1 viral load rebound among patients with previous suppression of viral replication. **AIDS** 2000, 14:1481-8.
 65. Goules A, Masouridi S, Tzioufas AG, Ioannidis JPA, Skopouli FN, Moutsopoulos HM. Clinically significant and biopsy-documented renal involvement in primary Sjogren's syndrome. **Medicine** 2000, 79:241-9.
 66. Spoulou V, Victoratos P, Ioannidis JPA, Grafakos S. Kinetics of antibody concentration and avidity for the assessment of immune response to pneumococcal vaccine among children with bone marrow transplants. **Journal of Infectious Diseases** 2000, 182:965-9.
 67. Ioannidis JPA, Lau J. Evidence for the diagnosis and treatment of acute uncomplicated sinusitis in children: a systematic overview. **Pediatrics** 2001, 108: e57.
 68. Ioannidis JPA, Hesketh PJ, Lau J. Contribution of dexamethasone to control of chemotherapy-induced nausea and vomiting: a meta-analysis of randomized evidence. **Journal of Clinical Oncology** 2000, 18:3409-22.
 69. Tektonidou MT, Ioannidis JPA, Moysakakis I, Boki KA, Vassilion V, Vlachoyiannopoulos PG, Moutsopoulos HM. Right ventricular diastolic dysfunction in patients with anticardiolipin antibodies and antiphospholipid syndrome. **Annals of the Rheumatic Diseases** 2001, 60:43-48.
 70. Karassa FB, Ioannidis JPA, Boki KA, Touloumi G, Argyropoulou MI, Strigaris KA, Moutsopoulos HM. Predictors of clinical outcome and radiographic progression in patients with neuropsychiatric manifestations of systemic lupus erythematosus. **American Journal of Medicine** 2000, 109:628-34.
 71. Tektonidou M, Ioannidis JPA, Boki KA, Vlachoyiannopoulos PG, Moutsopoulos HM. Prognostic factors and clustering of serious clinical outcomes in antiphospholipid syndrome. **Quarterly Journal of Medicine** 2000, 93:523-30.
 72. Katritis DG, Ioannidis JPA, Korovesis S, Giazitzoglou E, Kalivas P, Parisis J, Webb-Peploe MM. Comparison of coronary functional flow reserve and intravascular ultrasound for the assessment of slotted tube stents. **Catheterization and Cardiovascular Interventions** 2001, 52:322-6. See also accompanying editorial in the same issue.
 73. Boki KA, Ioannidis JPA, Segas JV, Marangoudakis PV, Petrou D, Adamopoulos GK, Moutsopoulos HM. How significant is sensorineural hearing loss in primary Sjogren's syndrome? An individually-matched case-control study. **Journal of Rheumatology** 2001, 28:798-801.
 74. Ioannidis JPA, Lau J. Evolution of treatment effects over time: empirical evidence from recursive cumulative meta-analyses. **Proceedings of the National Academy of Sciences, USA** 2001, 98:831-6.
 75. Ioannidis JPA, Lau J. Completeness of safety reporting in randomized trials: an evaluation of 7 medical

- areas. **JAMA** 2001, 285:437-43. See also editorial by JC Mucklow at the Lancet (2001;357:1384)
76. *Trikalinos TA, Ioannidis JPA.* Predictive modeling and heterogeneity of baseline risk in meta-analysis of individual patient data. **Journal of Clinical Epidemiology** 2001, 54:245-52.
 77. *Ioannidis JPA, Galanos O, Katritsis D, Connery CP, Drossos GE, Swistel DG, Anagnostopoulos CE.* Early mortality and morbidity of bilateral versus single internal thoracic artery revascularization: propensity and risk modeling. **Journal of the American College of Cardiology** 2001, 37:521-8.
 78. *Spoulou V, Theodoridou M, Papaevangelou VG, Mostrou GI, Ioannidis JPA.* 23valent pneumococcal vaccination and HIV (letter). **Lancet** 2000, 356:1027-8.
 79. *Ioannidis JPA, Lau J.* Evidence on interventions to reduce medical errors: an overview and recommendations for future research. **Journal of General Internal Medicine** 2001, 16:325-34. See also accompanying editorial in the same issue p. 344-6.
 80. *Ioannidis JPA, Abrams EJ, Ammann A, Bulterys M, Goedert JJ, Gray L, Korber BT, Mayaux MJ, Mofenson LM, Newell M-L, Shapiro DE, Teglas JP, Wilfert CM.* Perinatal transmission of HIV-1 from pregnant women with RNA viral load less than 1000 copies/ml. **Journal of Infectious Diseases** 2001, 183:539-45.
 81. *Efstathiadou Z, Kranas V, Ioannidis JPA, Georgiou I, Tsatsoulis A.* The Sp1 COLIA1 gene polymorphism, and not vitamin D receptor or estrogen receptor gene polymorphisms, determines bone mineral density in postmenopausal Greek women. **Osteoporosis International** 2001, 12:326-31.
 82. *Giannakakis I, Ioannidis JPA.* Arabian nights: 1001 tales of how pharmaceutical companies cater to the material needs of doctors. **British Medical Journal** 2000, 321:1563-4.
 83. *Balk EM, Ioannidis JPA, Salem D, Chew P, Lau J.* Accuracy of biomarkers to diagnose acute cardiac ischemia in the emergency department: a meta-analysis. **Annals of Emergency Medicine** 2001, 37:478-94. See also accompanying editorial by Ornato et al in the same issue pp. 450-2.
 84. *Lau J, Ioannidis JPA, Balk EM, Milch C, Terrin N, Chew P, Salem D.* Diagnosing acute cardiac ischemia in the emergency department: a systematic review of the accuracy and clinical effect of current technologies. **Annals of Emergency Medicine** 2001, 37:453-60. See also accompanying editorial by Ornato et al in the same issue pp. 450-2.
 85. *Ioannidis JPA, Salem D, Lau J.* Accuracy and clinical effect of out-of-hospital electrocardiography in the diagnosis of acute cardiac ischemia: a meta-analysis. **Annals of Emergency Medicine** 2001, 37:461-70. See also accompanying editorial by Ornato et al in the same issue pp. 450-2.
 86. *Ioannidis JPA, Salem D, Chew P, Lau J.* Accuracy of imaging technologies in the diagnosis of acute cardiac ischemia in the emergency department: a meta-analysis. **Annals of Emergency Medicine** 2001, 37:471-7. See also accompanying editorial by Ornato et al in the same issue pp. 450-2.
 87. *Contopoulos-Ioannidis DG, Kolioti I, Koutroumpa I, Giannakakis IA, Ioannidis JPA.* Pathways for inappropriate dispensing of antibiotics for rhinosinusitis: a randomized trial. **Clinical Infectious Diseases** 2001, 33:76-82.
 88. *Katritsis D, Korovesis S, Giazitzoglou E, Kalivas P, Parisis J, Webb-Peploe MM, Ioannidis JPA, Haliassos A.* C-reactive protein concentrations and angiographic characteristics of coronary lesions. **Clinical Chemistry** 2001, 47:882-6.
 89. *Haidich A-B, Ioannidis JPA.* Patterns of patient enrollment in randomized controlled trials. **Journal of Clinical Epidemiology** 2001, 54:877-83.
 90. *Ioannidis JPA, Karassa FB.* Bias in uncontrolled therapeutic trials in rheumatology due to selection of populations with extreme characteristics. **Journal of Rheumatology** 2001, 28:1881-7. See also accompanying editorial in same issue, pp. 1747-8.
 91. *Efstathiadou Z, Tsatsoulis A, Ioannidis JPA.* Association of collagen Ia 1 polymorphism with the risk of prevalent fractures: a meta-analysis. **Journal of Bone and Mineral Research** 2001, 16:1586-92.
 92. *Ioannidis JPA, Haidich A-B, Lau J.* Editorial: Any casualties in the clash of randomised and observational evidence? **British Medical Journal** 2001, 322:879-80.
 93. *Katritsis D, Ioannidis JPA, Anagnostopoulos CE, Sarris GE, Giazitzoglou E, Korovesis S, Camm AJ.*

- Identification and catheter ablation of extracardiac and intercardiac components of ligament of Marshall tissue: a novel approach for the treatment of paroxysmal atrial fibrillation. **Journal of Cardiovascular Electrophysiology** 2001, 12:750-8. (See also figure from the article in the journal cover page).
94. Ioannidis JPA, Lau J. Improving safety reporting from randomized trials. **Drug Safety** 2002, 25:77-84.
 95. Ioannidis JPA, Rosenberg PS, Goedert JJ, Ashton LJ, Benfield TL, Buchbinder SP, Coutinho RA, Eugen-Olsen J, Gallart T, Katzenstein TL, Kostrikis LG, Kuipers H, Louie L, Mallal SA, Margolick JB, Martinez OP, Meyer L, Michael NL, Operskalski E, Pantaleo G, Rizzardì GP, Schuitmaker H, Sheppard HW, Stewart GJ, Theodorou ID, Ullum H, Vicenzi E, Vlahov D, Wilkinson D, Workman C, Zaguty Z-F, O'Brien TR for the International Meta-analysis of HIV Host Genetics. Effects of CCR5-Δ32, CCR2-64I and SDF-1 3'A polymorphisms on HIV disease progression: an international meta-analysis of individual patient data. **Annals of Internal Medicine** 2001, 135:782-795.
 96. Trikalinos TA, Ioannidis JPA. Discontinuation of *Pneumocystis carinii* prophylaxis in patients infected with human immunodeficiency virus: a meta-analysis and decision analysis. **Clinical Infectious Diseases** 2001, 33:1901-9.
 97. Ioannidis JPA, Haidich A-B, Pappa M, Pantazis N, Kokori SI, Tektonidou MG, Contopoulos-Ioannidis DG, Lau J. Comparison of evidence of treatment effects in randomized and non-randomized studies. **JAMA** 2001, 286:821-30.
 98. Haidich A-B, Ioannidis JPA. Effect of early patient enrollment on the time to completion and publication of randomized controlled trials. **American Journal of Epidemiology** 2001, 154:873-80.
 99. Pakas I, Ioannidis JPA, Malagari K, Skopouli FN, Moutsopoulos HM, Vlachoyiannopoulos PG. Cyclophosphamide with low or high dose prednisone for systemic sclerosis lung disease. **Journal of Rheumatology** 2002, 29:298-304.
 100. Papanikolaou GN, Baltogianni MS, Contopoulos-Ioannidis DG, Haidich A-B, Giannakakis IA, Ioannidis JPA. Reporting of conflicts of interest in guidelines of preventive and therapeutic interventions. **BMC Medical Research Methodology** 2001, 1:3 (4 June 2001).
 101. Haidich A-B, Ioannidis JPA. Determinants of patient recruitment in a multicenter clinical trials group: trends, seasonality and the effect of large studies. **BMC Medical Research Methodology** 2001, 1:4 (8 June 2001).
 102. Trikalinos TA, Karassa FB, Ioannidis JPA. Meta-analysis of the association between low-affinity Fcγ receptor gene polymorphisms and hematological and autoimmune diseases. **Blood** 2001, 98:1634-6.
 103. Contopoulos-Ioannidis DG, Ioannidis JPA, Chew P, Lau J. Meta-analysis of randomized controlled trials on the comparative efficacy and safety of azithromycin against other antibiotics for lower respiratory tract infections. **Journal of Antimicrobial Chemotherapy** 2001, 48:691-703.
 104. Ioannidis JPA, Contopoulos-Ioannidis DG, Chew P, Lau J. Meta-analysis of randomized controlled trials on the comparative efficacy and safety of azithromycin against other antibiotics for upper respiratory tract infections. **Journal of Antimicrobial Chemotherapy** 2001, 48:677-690.
 105. Tatsioni A, Charchanti A, Kitsiou E, Ioannidis JPA. Appendicectomies in Albanians in Greece: outcomes in a highly mobile immigrant patient population. **BMC Health Services Research** 2001, 1:5 (28 June 2001).
 106. Kyriakidi M, Ioannidis JPA. Design and quality considerations for randomized controlled trials in systemic sclerosis. **Arthritis and Rheumatism** 2002, 47:73-81.
 107. Isaakidis P, Swingler GH, Pienaar E, Volmink J, Ioannidis JPA. Burden of disease and randomized evidence in sub-Saharan Africa: survey of research. **British Medical Journal** 2002, 324:702-5. See also editorial by Ncayiana in the same issue.
 108. Ioannidis JPA, Ntzani EA, Trikalinos TA, Contopoulos-Ioannidis DG. Replication validity of genetic association studies. **Nature Genetics** 2001, 29:306-9 (see also accompanying editorial by Veronica Vieland in the same issue, pp. 244-5).
 109. Ioannidis JPA, Rosenberg PS, Goedert JJ, O'Brien TR. Meta-analysis of individual participants' data in

- genetic epidemiology. **American Journal of Epidemiology** 2002, 156: 204-10.
110. *Giannakakis LA, Haidich A-B, Contopoulos-Ioannidis DG, Papanikolaou GN, Baltogianni MS, Ioannidis JPA.* Citation of randomized evidence in support of guidelines of therapeutic and preventive interventions. **Journal of Clinical Epidemiology** 2002, 55: 545-55.
111. *Ioannidis JPA, Tarassi K, Boki K, Papadopoulos LA, Voulgari PV, Papasteriades CA, Drosos AA.* Shared epitopes and rheumatoid arthritis: disease associations in Northwestern Greece and meta-analysis of Mediterranean European populations. **Seminars in Arthritis and Rheumatism** 2002, 31: 361-71.
112. *Ioannidis JPA, Vassiliou VA, Moutsopoulos HM.* Long-term risk of mortality and lymphoproliferative disease and predictive classification of primary Sjogren's syndrome. **Arthritis and Rheumatism** 2002, 46:741-7.
113. *Papanikolaou GN, Ioannidis JPA.* Declaring competing interests: types of competing interests would be of interest (letter). **British Medical Journal** 2001, 323:1187-8.
114. *Stavrou I, Zoes C, Ioannidis JPA, Tsatsoulis A.* Association of polymorphisms of the estrogen receptor gene with the age of menarche. **Human Reproduction** 2002, 17:1101-5.
115. *Ioannidis JPA, Chew P, Lau J.* Standardized retrieval of side effects data for meta-analysis of safety outcomes: a feasibility study in acute sinusitis. **Journal of Clinical Epidemiology** 2002, 55:619-26.
116. *Katsifis GE, Tzioufas AG, Vlachoyiannopoulos PG, Voulgarelis M, Moutsopoulos HM, Ioannidis JPA.* Risk of myelotoxicity with intravenous cyclophosphamide in patients with systemic lupus erythematosus. **Rheumatology** 2002, 41:780-6.
117. *Karassa FB, Trikalinos TA, Ioannidis JPA.* Role of the FcγRIIA polymorphism in susceptibility to systemic lupus erythematosus and lupus nephritis: a meta-analysis. **Arthritis and Rheumatism** 2002, 46:1563-71.
118. *Balk EM, Bonis PAL, Moskowitz H, Schmid CH, Ioannidis JPA, Wang C, Lau J.* Correlation of quality measures with estimates of treatment effect in meta-analyses of randomized controlled trials. **JAMA** 2002, 287:2973-82.
119. *Ioannidis JPA, Katsifis GE, Tzioufas AG, Moutsopoulos HM.* Predictors of sustained amenorrhea from pulsed intravenous cyclophosphamide in premenopausal women with systemic lupus erythematosus. **Journal of Rheumatology** 2002, 29:2129-35.
120. *Sponlou V, Gilks CS, Ioannidis JPA.* Protein conjugate pneumococcal vaccines. **British Medical Journal** 2002, 324:750-1 (editorial).
121. *Polycarpou A, Ntais C, Korber BT, Elrich HA, Winchester R, Krogstad P, Wolinsky S, Rostron T, Rowland-Jones SL, Ammann AJ, Ioannidis JP.* Association between maternal and infant class I and II HLA alleles and of their concordance with the risk of perinatal HIV type 1 transmission. **AIDS Research and Human Retroviruses.** 2002, 18:741-6.
122. *Ioannidis JPA, Trikalinos TA, Dianas PG.* ECG-gated SPECT versus cardiac MRI for evaluation of left ventricular volumes and ejection fraction: a meta-analysis. **Journal of the American College of Cardiology** 2002, 39:2059-68.
123. *Ioannidis JP, Stavrou I, Trikalinos TA, Zois C, Brandi ML, Gennari L, Albagha O, Ralston SH, Tsatsoulis A.* Association of polymorphisms of the estrogen receptor alpha gene with bone mineral density and fracture risk in women: a meta-analysis. **Journal of Bone and Mineral Research** 2002, 17:2048-60.
124. *Drosos GE, Toumpoulis IK, Katritsis DG, Ioannidis JPA, Kontogiorgi P, Svarna E, Siminelakis S, Anagnostopoulos CE.* Is vitamin C superior to diltiazem for radial artery vasodilation in patients awaiting coronary artery by-pass grafting? **Journal of Thoracic and Cardiovascular Surgery** 2003, 125:330-5.
125. *Katritsis D, Ioannidis JP, Anagnostopoulos CE, Korovesis S, Giartzoglou E, Camm AJ.* Conduction block within the coronary sinus in humans: implications for atrial arrhythmias. **Journal of Cardiovascular Electrophysiology** 2002, 13:859-62. (see also editorial in the same issue pp. 863-4)
126. *Ioannidis JPA, Katsifis GE, Stavropoulos ED, Manoussakis MN, Moutsopoulos HM.* Evaluation of the association of autoantibodies with mortality in the very elderly: a cohort study. **Rheumatology** 2003, 42:357-61.

127. Kapitsinou PP, Ioannidis JPA, Boletis JN, Sotsiou F, Nakopoulou L, Dafnis E, Moutsopoulos HM. Clinicopathologic predictors of mortality and ESRD in patients with pauci-immune necrotizing glomerulonephritis. **American Journal of Kidney Diseases** 2003, 41:29-37.
128. Contopoulos-Ioannidis DG, O'Brien TR, Rosenberg PS, Goedert JJ, Ioannidis JPA. Effect of CCR5-Δ32 heterozygosity on the risk of perinatal HIV-1 transmission: a meta-analysis. **Journal of Acquired Immune Deficiency Syndromes** 2003, 32:70-6.
129. Rizos E, Drosos AA, Ioannidis JP. Nail pigmentation and fatigue in a 39-year-old woman. **Clinical Infectious Diseases** 2003, 36:348, 378-9.
130. Karvouni E, Katritsis DG, Ioannidis JPA. Intravenous glycoprotein IIb/IIIa antagonists reduce mortality in percutaneous coronary interventions. **Journal of the American College of Cardiology** 2003, 41:26-32.
131. Mulherin SA, O'Brien TR, Ioannidis JP, Goedert JJ, Buchbinder SP, Coutinho RA, Jamieson BD, Meyer L, Michael NL, Pantaleo G, Rizzardì GP, Schuitemaker H, Sheppard HW, Theodorou ID, Vlahov D, Rosenberg PS. Effects of CCR5-Δ32 and CCR2-64I on HIV-1 disease progression: the protection varies with the duration of infection. **AIDS** 2003, 17:377-87.
132. Contopoulos-Ioannidis DG, Lau J, Ioannidis JP. Acute sinusitis in children: Current treatment strategies. **Pediatric Drugs** 2003, 5:71-80.
133. Contopoulos-Ioannidis DG, Ntzani E, Ioannidis JP. Time to translation of promising basic science research to clinical applications. **American Journal of Medicine** 2003, 114:477-84. See also editorial by WF Crowley in the same issue (pages 503-5).
134. Vlachoyiannopoulos PG, Ktenlopoulos PG, Ioannidis JPA, Tektonidou MG, Mastorakou I, Moutsopoulos HM. Atherosclerosis in premenopausal women with antiphospholipid syndrome and systemic lupus erythematosus: a controlled study. **Rheumatology** 2003, 42:645-51.
135. Karassa FB, Tatsioni A, Ioannidis JPA. Design, quality and bias in randomized controlled trials of systemic lupus erythematosus. **Journal of Rheumatology** 2003, 30:979-84.
136. Karassa FB, Trikalinos TA, Ioannidis JPA. The FcγRIIIA-F158 allele is a risk factor for the development of lupus nephritis: a meta-analysis. **Kidney International** 2003, 63:1475-82.
137. Ntais C, Polycarpou A, Ioannidis JPA. Association of the CYP17 gene polymorphism with the risk of prostate cancer: a meta-analysis. **Cancer Epidemiology, Biomarkers and Prevention** 2003, 12:120-6.
138. Sotiriadis A, Makrydimas G, Ioannidis JPA. Diagnostic performance of intracardiac echogenic foci for Down syndrome: a meta-analysis. **Obstetrics and Gynecology** 2003, 101:1009-16.
139. The HIV Lipodystrophy Case Definition Study Group (including Ioannidis JPA as member of steering committee). An objective case definition of lipodystrophy in human immunodeficiency virus-infected adults. **Lancet** 2003, 361:726-35.
140. Ioannidis JP, Trikalinos TA, Ntzani EE, Contopoulos-Ioannidis DG. Genetic associations in large versus smaller studies: an empirical assessment. **Lancet** 2003, 361:567-71.
141. Ioannidis JPA, Lau J. FDG-PET for the diagnosis and grading of soft tissue sarcomas. **Journal of Nuclear Medicine** 2003, 44:717-24.
142. Tatsioni A, Gerasi E, Charitidou E, Simou N, Mavreas V, Ioannidis JPA. Important drug safety information on the Internet. **Drug Safety** 2003, 26:519-27.
143. Kent D, McGrath D, Ioannidis JP, Bennis ML. Suitable monitoring approaches to anti-retroviral therapy in resource-poor settings: setting the research agenda. **Clinical Infectious Diseases** 2003, 37 (suppl 1):S13-24.
144. Ioannidis JPA, Pavlidis NA. Levels of absolute survival benefit for systemic therapies of advanced cancer: a call for standards. **European Journal of Cancer** 2003, 39:1094-8.
145. Haidich AB, Ioannidis JPA. Late-starter sites in randomized controlled trials. **Journal of Clinical Epidemiology** 2003, 56:408-15.
146. Papanikolaou PN, Ioannidis JPA. Awareness of the side effects of possessed medications in a

- community setting. **European Journal of Clinical Pharmacology** 2003, 58:821-7.
147. Kosmas IP, Tatsioni A, Ioannidis JPA. Association of Leiden mutation in factor V gene with hypertension in pregnancy and pre-eclampsia: a meta-analysis. **Journal of Hypertension** 2003;21:1221-8.
 148. Ioannidis JPA. Genetic associations: false or true? **Trends in Molecular Medicine** 2003, 9:135-8.
 149. Ioannidis JPA, Contopoulos-Ioannidis DG, Rosenberg PS, Goedert JJ, de Rossi A, Espanol T, Frenkel L, Mayaux J-M, Newell M-L, Pahwa SG, Rousseau C, Scarlatti G, Sei S, Sen L, O'Brien TR for the International Meta-Analysis of HIV Host Genetics. Effects of CCR5 $\Delta 32$, and CCR2 64I polymorphisms on disease progression of perinatally HIV-infected children: An international meta-analysis. **AIDS** 2003, 17:1631-8.
 150. Karassa FB, Bijl M, Davies KA, Kallenberg CGM, Khamashta MA, Manger K, Michel M, Piette JC, Salmon JE, Song YW, Tsuchiya N, Yoo D-H, Ioannidis JPA. The role of the Fc γ R1A polymorphism in the antiphospholipid syndrome: an international meta-analysis. **Arthritis and Rheumatism** 2003, 48:1930-8.
 151. Ntais C, Polycarpon A, Ioannidis JPA. SRD5A2 gene polymorphisms and the risk of prostate cancer: a meta-analysis. **Cancer Epidemiology, Biomarkers and Prevention** 2003, 12:618-24.
 152. Ioannidis JPA. Uses of error: clinical, teaching and research misunderstandings. **Lancet** 2004, 363:324.
 153. Ntzani EE, Ioannidis JP. Pharmacogenetics and association studies in schizophrenia. **Drug Development Research** 2003, 60:152-63.
 154. Ioannidis JPA, Karvouni E, Katritsis DG. Mortality risk conferred by small elevations of creatine-kinase MB isoenzyme after percutaneous coronary intervention. **Journal of the American College of Cardiology** 2003, 42:1406-11. Accompanied by editorial in the same issue (pp. 1412-4).
 155. Ioannidis JPA, Tatsioni A, Abrams EJ, Bulterys M, Coombs RW, Goedert JJ, Korber BT, Mayaux JM, Mofenson LM, Moya J, Newell M-L, Shapiro DE, Teglas JP, Thompson B, Wiener J. Maternal viral load and the rate of disease progression among vertically HIV-1-infected children: An international meta-analysis. **AIDS** 2004, 18:99-108.
 156. Pakos E, Ioannidis JPA. Association of P-glycoprotein with response to chemotherapy and clinical outcome in osteosarcoma. **Cancer** 2003, 98:581-9.
 157. Ioannidis JP, Polycarpon A, Ntais C, Pavlidis N. Randomized trials comparing chemotherapy regimens for advanced non-small cell lung cancer: biases and evolution over time. **European Journal of Cancer** 2003, 39:2278-87.
 158. Isaakidis P, Ioannidis JP. An evaluation of cluster randomised controlled trials in sub-Saharan Africa. **American Journal of Epidemiology** 2003, 158:921-6.
 159. Makrydimas G, Sotiriadis A, Ioannidis JPA. Screening performance of first-trimester nuchal translucency for major cardiac defects: a meta-analysis. **American Journal of Obstetrics and Gynecology** 2003, 189:1330-5.
 160. Rizos E, Drosos AA, Ioannidis JPA. Isolated intraparotid Kaposi sarcoma in HIV-1 infection: case report and review of the literature. **Mayo Clinic Proceedings** 2003, 78:1561-3
 161. Ioannidis JPA, Trikalinos TA, Law M, Carr A for the HIV Lipodystrophy Case Definition Study Group. HIV lipodystrophy case definition using artificial neural network modelling. **Antiviral Therapy** 2003, 8:435-41.
 162. Swingler G, Volmink J, Ioannidis JPA. Number of published systematic reviews and global burden of disease: database analysis. **British Medical Journal** 2003, 327:1083-4.
 163. Ntzani E, Ioannidis JPA. Predictive ability of DNA microarrays for cancer outcomes and correlates: an empirical assessment. **Lancet** 2003, 362:1429-44. Accompanied by editorial in the same issue.
 164. Carr DB, Goudas LC, Balk EM, Bloch R, Ioannidis JPA, Lau J. Evidence report on the treatment of pain in cancer patients. **Journal of the National Cancer Institute Monographs** 2004, 32:23-31.
 165. Ntais C, Polycarpon A, Ioannidis JPA. Vitamin D receptor gene polymorphisms and the risk of prostate cancer: a meta-analysis. **Cancer Epidemiology Biomarkers and Prevention** 2003, 12:1395-402.

166. Zintzaras E, *Ioannidis JPA*. Modelling of escalating outpatient antibiotic expenditures. **Journal of Antimicrobial Chemotherapy** 2003, 52:1001-4
167. Menu E, Scarlatti G, Barre-Sinoussi F, Gray G, Bollinger B, *Ioannidis JPA*, Miotti P, and Osborne C for the participants of the Workshop. Mother-to-Child Transmission of HIV: developing integration of health care programmes with clinical, social and basic research studies. Report of the International Workshop held in Kasane, Botswana, 21-25 January 2003. **Acta Paediatrica** 2003, 92:1343-8.
168. Zivra N, Kastanioudakis I, Trikalinos TA, Skevas A, *Ioannidis JPA*. Diagnosis of sensorineural hearing loss through neural network modeling and logistic regression modeling of distortion product otoacoustic emission patterns. **Audiology and Neuro-otology** 2004, 9:81-7.
169. Haidich AB, *Ioannidis JPA*. The Gini coefficient as a measure for understanding accrual inequalities in multicenter clinical studies. **Journal of Clinical Epidemiology** 2004, 57:341-8.
170. Ntais C, Polycarpou A, *Ioannidis JPA*. Meta-analysis of the association between the cathepsin D gene Ala224Val polymorphism with the risk of Alzheimer's disease. **American Journal of Epidemiology** 2004, 159:527-36.
171. *Ioannidis JPA*. Physical examination (letter/comment). **Lancet** 2003, 362:2023.
172. Pakos EE, *Ioannidis JPA*. Radiotherapy or non-steroidal anti-inflammatory drugs for the prevention of heterotopic ossification after major hip procedures: A meta-analysis of randomized trials. **International Journal of Radiation Oncology, Biology, Physics** 2004, 60:888-95.
173. Maraganore DM, Lesnick TG, Elbaz A, Chartier-Harlin MC, Gasser T, Kruger R, Hattori N, Mellick GD, Quattrome A, Satoh J, Toda T, Wang J, *Ioannidis JP*, de Andrade M, Rocca WA; UCHL1 Global Genetics Consortium. UCHL1 is a Parkinson's disease susceptibility gene. **Annals of Neurology** 2004, 55:512-21.
174. Karassa FB, Trikalinos TA, *Ioannidis JPA*. The role of FcgammaRIIA and FcgammaRIIIA polymorphisms in autoimmune diseases. **Biomedicine and Pharmacotherapy** 2004, 58:286-91.
175. *Ioannidis JPA*. Materializing research promises: opportunities, priorities and conflicts in translational medicine. **Journal of Translational Medicine** 2004, 2:5.
176. Papanikolaou PN, Churchill R, Wahlbeck K, *Ioannidis JPA*, for the EU-PSI project. Safety reporting in randomized trials of mental health interventions. **American Journal of Psychiatry** 2004, 161:1692-7.
177. Vranos G, Tatsioni A, *Ioannidis JPA*, Polyzoidis K. Randomized controlled trials of neurosurgical interventions: a systematic appraisal. **Neurosurgery** 2004, 55:18-25, discussion 25-26.
178. Gouva C, Nikolopoulos P, *Ioannidis JPA*, Siamopoulos K. Treating anemia early slows decline of renal function in chronic renal disease: a randomized controlled study. **Kidney International** 2004, 66:753-60.
179. *Ioannidis JPA*. Global estimates of high-level brain drain and deficit. **FASEB Journal** 2004, 18:936-9.
180. Trikalinos TA, Churchill R, Ferri M, Leucht S, Tuunainen A, Wahlbeck K, *Ioannidis JPA* for the EU-PSI project. Effect sizes in cumulative meta-analyses of mental health randomized trials evolved over time. **Journal of Clinical Epidemiology** 2004, 57:1124-30.
181. Contopoulos-Ioannidis DG, Giotis N, Baliatsa D, *Ioannidis JPA*. Extended interval aminoglycoside administration for children: a meta-analysis. **Pediatrics** 2004, 114:e111-8.
182. Pakos EE, Kyzas PA, *Ioannidis JPA*. Prognostic significance of p53 tumor suppressor gene expression and mutations in human osteosarcoma: a meta-analysis. **Clinical Cancer Research** 2004, 10:6208-14.
183. *Ioannidis JP*. The value of meta-analysis in rheumatology research. **Autoimmunity Reviews** 2004, 3:S57-9.
184. *Ioannidis JPA*, Vlachoyiannopoulos PG, Haidich A-B, Medsger TA Jr, Lucas M, Michet CJ, Kuvana M, Yasuoka H, van den Hoogen F, te Boome L, van Laar JM, Verbeet NL, Matucci Cerinic M, Georgountzos A, Moutsopoulos HM. Mortality in systemic sclerosis: an international meta-analysis of individual patient data. **American Journal of Medicine** 2005, 118:2-10.
185. Trikalinos TA, Ntzani EE, Contopoulos-Ioannidis DG, *Ioannidis JPA*. Establishment of genetic associations for complex diseases is independent of early study findings. **European Journal of**

- Human Genetics** 2004, 12:762-9.
186. Papanikolaou P, Ioannidis JPA. Availability of large-scale evidence for specific harms from systematic reviews of randomized trials. **American Journal of Medicine** 2004, 117:582-9.
187. Contopoulos-Ioannidis DG, Gilbody S, Trikalinos TA, Churchill R, Wablbeck K, Ioannidis JPA. Comparison of large vs. smaller randomized trials for mental health related interventions. **American Journal of Psychiatry** 2005, 162:578-84.
188. DeRose, JJ, Toumpoulis IK, Balaram SK, Ioannidis JP, Anagnostopoulos CE, Ashton RC, Swistel DG. Preoperative prediction of long-term survival following coronary artery bypass grafting in patients with low left ventricular ejection fraction ($= < 25\%$). **Journal of Thoracic and Cardiovascular Surgery** 2005, 129:314-21.
189. Kosmas I, Tatsioni A, Ioannidis JPA. Association of C677T polymorphism mutation in the methylene-tetrahydro-folate reductase gene with hypertension in pregnancy and pre-eclampsia: a meta-analysis. **Journal of Hypertension** 2004, 22:1655-62.
190. Danias PG, Roussakis A, Ioannidis JPA. Diagnostic performance of coronary magnetic resonance angiography as compared against conventional X-ray angiography: a meta-analysis. **Journal of the American College of Cardiology** 2004, 44:1867-76.
191. Makrydimas G, Sotiriadis A, Huggon IC, Simpson J, Sharland G, Carvalho JS, Daubeney PE, Ioannidis JPA. Nuchal translucency and fetal cardiac defects: a pooled analysis of major fetal echocardiography centers. **American Journal of Obstetrics and Gynecology** 2005, 192:89-95.
192. Ioannidis JPA, Evans S, Gotzsche PC, O'Neill RT, Altman DG, Schulz K, Moher D, for the CONSORT Group. Better reporting of harms in randomized trials: an extension of the CONSORT statement. **Annals of Internal Medicine** 2004, 141:781-8.
193. Kent DM, Mwamburi M, Bennish ML, Kupelnick B, Ioannidis JPA. Clinical trials in sub-Saharan Africa and established standards of care: a systematic review of HIV, tuberculosis, and malaria trials. **JAMA** 2004, 292:237-42. Accompanied by editorial in the same issue.
194. Contopoulos-Ioannidis DG, Ioannidis JPA. Treatment options for acute sinusitis in children. **Current Allergy and Asthma Reports** 2004, 4:471-7.
195. Vlaboyiannopoulos PG, Ioannidis JPA. Cyclophosphamide in systemic sclerosis: light and shadows. **Clinical Experimental Rheumatology** 2004, 22:551-2 (editorial).
196. Patsopoulos N, Ntzani EE, Zintzaras E, Ioannidis JPA. CYP2D6 polymorphisms and the risk of tardive dyskinesia in schizophrenia: a meta-analysis. **Pharmacogenetics and Genomics** 2005, 15:151-8.
197. Economou M, Trikalinos TA, Loizou K, Tsianos EV, Ioannidis JPA. Differential effects of NOD2/CARD15 polymorphisms on Crohn's disease susceptibility and phenotype across diverse populations: a meta-analysis. **American Journal of Gastroenterology** 2004, 99:2393-404.
198. Ntais C, Polycarpon A, Ioannidis JPA. Association of GSTM1, GSTT1, and GSTP1 gene polymorphisms with the risk of prostate cancer: a meta-analysis. **Cancer Epidemiology, Biomarkers and Prevention** 2005, 14:176-81.
199. *The International Working Party to Promote and Revitalise Academic Medicine (including Ioannidis JPA)*. ICRAM (the International Campaign to Revitalise Academic Medicine): agenda setting. **British Medical Journal** 2004, 329:787-9. Accompanied by editorial in the same issue.
200. *The International Working Party to Promote and Revitalise Academic Medicine (including Ioannidis JPA as guarantor author)*. Academic medicine: the evidence base. **British Medical Journal** 2004, 329:789-92. Accompanied by editorial in the same issue.
201. Panidou ET, Trikalinos TA, Ioannidis JPA. Limited benefit of antiretroviral resistance testing in treatment-experienced patients: a meta-analysis. **AIDS** 2004, 18:2153-61. .
202. Mantzavinis GD, Pappas N, Dimoliatis IA, Ioannidis JPA. Multivariate models of self-reported health often neglected essential candidate determinants and methodological issues. **Journal of Clinical Epidemiology** 2005, 58:436-43
203. Ioannidis JPA. Large-scale evidence and replication: insights from rheumatology and beyond. **Annals**

- of the Rheumatic Diseases** 2005, 64:345-6 (invited).
204. *Ioannidis JPA*. Microarrays and molecular research: noise discovery? **Lancet** 2005, 365:454-5 (editorial).
205. *Zintzaras E, Ioannidis JPA*. Heterogeneity testing in meta-analysis of genome searches. **Genetic Epidemiology** 2005, 28:123-37.
206. *Mauri D, Pavlidis N, Ioannidis JPA*. Neoadjuvant vs. adjuvant systemic treatment in breast cancer: a meta-analysis. **Journal of the National Cancer Institute** 2005, 97:188-94. Accompanied by editorial in the same issue.
207. *Ioannidis JPA, Ntzani EE, Trikalinos TA*. “Racial” differences in genetic effects for complex diseases. **Nature Genetics** 2004, 36:1312-8. . Accompanied by editorial in the same issue.
208. *Ioannidis JPA, Ralston S, Bennett ST, Brandi ML, Ginberg D, Karassa FB, Langdahl B, Moselinde L, Scollen S, van Meurs JBJ, Albagha OME, Bustamante M, Carey AH, Dunning AM, Enjuanes A, Maviglia C, Masi L, McGuigan FEA, Nogue X, Pols HAP, Reid DM, Schuit SCE, Sherlock RE, van Leeuwen HPTM, Uitterlinden AG, for the GENOMOS Project*. Differential genetic effects of ESR1 gene polymorphisms on osteoporosis outcomes. **JAMA** 2004, 292:2105-14.
209. *Katritsis DG, Karvouni E, Ioannidis JPA*. Drug-eluting vs. bare-metal stents: a meta-analysis of clinical outcomes. **American Journal of Cardiology** 2005, 95:640-3.
210. *Swingler GH, Pilay V, Pienaar ED, Ioannidis JPA*. International research collaboration and the relevance of African randomized trials. **Bulletin of the World Health Organization** 2005, 83:511-7. Accompanied by editorial in the same issue.
211. *O’Neil-Callaban K, Katsimaglis G, Tepper M, Ryan J, Mosby C, Ioannidis JPA, Danias PG*. Statins decrease perioperative cardiac complications in patients undergoing noncardiac vascular surgery: the Statins for Risk Reduction in Surgery (StaRRS) Study. **Journal of the American College of Cardiology** 2005, 45:336-42.
212. *Kavvoura FK, Ioannidis JPA*. NeuroD1 Ala45Thr polymorphism and diabetes susceptibility: a meta-analysis. **Human Genetics** 2005, 116:192-9.
213. *Ioannidis JPA, Trikalinos TA*. Early extreme contradictory estimates may appear in published research: the Proteus phenomenon in molecular genetics research and randomized trials. **Journal of Clinical Epidemiology** 2005, 58:543-9.
214. *Contopoulos-Ioannidis DG, Manoli E, Ioannidis JPA*. Association of beta2-adrenergic receptor gene polymorphisms with asthma phenotypes: a meta-analysis. **Journal of Allergy and Clinical Immunology** 2005, 115:963-72. Accompanied by editorial in the same issue.
215. *Berger W, Ioannidis JPA*. The Decameron of poor research. **British Medical Journal** 2004, 329:1436-40.
216. *Kyzas PA, Kubna WI, Ioannidis JPA*. Prognostic significance of VEGF immunohistochemical expression in head and neck squamous cell carcinoma: a meta-analysis. **Clinical Cancer Research** 2005, 11:1434-40.
217. *Karassa FB, Matsagas MI, Schmidt WA, Ioannidis JPA*. Meta-analysis: test performance of ultrasonography for giant-cell arteritis. **Annals of Internal Medicine** 2005, 142:359-69.
218. *Pakos EE, Fotopoulos AD, Ioannidis JPA*. 18F-FDG PET for the evaluation of bone marrow infiltration in staging of lymphoma: a meta-analysis. **Journal of Nuclear Medicine** 2005, 46:958-63.
219. *Salanti G, Amountza G, Ntzani EE, Ioannidis JPA*. Hardy-Weinberg equilibrium in genetic association studies: an empirical evaluation of reporting, deviations, and power. **European Journal of Human Genetics** 2005, 13:840-8.
220. *Sotiriadis A, Markydimas A, Papatheodorou S, Ioannidis JPA*. Expectant, medical or surgical management of first trimester miscarriage. **Obstetrics and Gynecology** 2005, 105:1104-13.
221. *Kavvoura F, Ioannidis JPA*. CTLA4 gene polymorphisms and susceptibility to type 1 diabetes mellitus: a HuGE disease-association review and meta-analysis. **American Journal of Epidemiology** 2005, 162:3-16.

222. *Katritsis DG, Ioannidis JPA*. Percutaneous coronary intervention vs. conservative therapy in non acute coronary artery disease: a meta-analysis. **Circulation** 2005, 111:2906-12
223. *Ioannidis JPA*. Why most published research findings are false. **PLoS Medicine** 2005, 2(8):e124. Accompanied by editorial in the same issue.
224. *Ntais C, Pakos E, Kyzas P, Ioannidis JPA*. Benzodiazepines for the management of alcohol withdrawal syndrome. **Cochrane Database of Systematic Reviews** 2005, (3):CD005063
225. *Polycarpou A, Papanikolaou P, Contopoulos-Ioannidis DG, Ioannidis JPA*. Anticonvulsants for alcohol withdrawal. **Cochrane Database of Systematic Reviews** 2005, (3):CD005064.
226. *Patsopoulos N, Analatos A, Ioannidis JPA*. Relative citation impact of various study designs in the health sciences. **JAMA** 2005, 293:2362-6
227. *Ioannidis JP, Bernstein J, Boffetta P, Danesh J, Dolan S, Hartge P, Hunter D, Inskip P, Jarvelin MR, Little J, Maraganore DM, Bishop JA, O'Brien TR, Petersen G, Riboli E, Seminara D, Taioli E, Uitterlinden AG, Vineis P, Winn DM, Salanti G, Higgins JP, Khoury MJ*. A network of investigator networks in human genome epidemiology. **American Journal of Epidemiology** 2005, 162:302-4.
228. *Ioannidis JPA*. Contradicted and initial stronger effects in highly-cited clinical research. **JAMA** 2005, 294:218-28.
229. *Zintzaras E, Ioannidis JPA*. HEGESMA: Genome search meta-analysis and heterogeneity testing. **Bioinformatics** 2005, 21:3672-3.
230. *Kyzas R, Loizou K, Ioannidis JPA*. Selective reporting biases in cancer prognostic factor studies. **Journal of the National Cancer Institute** 2005, 97:1043-55. Accompanied by editorial in the same issue.
231. *Ioannidis JP, Karvouni E, Katritsis DG*. Creatine kinase-MB elevation following stent implantation. **Journal of the American College of Cardiology** 2005, 45:1908 (letter).
232. *Telenti A, Ioannidis JPA*. Susceptibility to HIV – disentangling host genetics and host behavior. **Journal of Infectious Diseases** 2006, 193:4-6 (editorial).
233. *Ioannidis JPA*. Grading the credibility of molecular evidence for complex diseases. **International Journal of Epidemiology** 2006, 35:572-8; discussion 593-6. Accompanied by editorial in the same issue.
234. *Ioannidis JPA*. Molecular bias. **European Journal of Epidemiology** 2006, 20:739-45.
235. *Mantzavinis GD, Trikalinos TA, Dimoliatis IA, Ioannidis JPA*. Self-reported health in the high and very high income. **Quality of Life Research** 2006, 15:547-58
236. *Ioannidis JP*. Commentary of the Chinese translation of the CONSORT extension for harms. **Chinese Journal of Evidence-Based Medicine** 2005, 5:729-32 (editorial).
237. *Trikalinos TA, Salanti G, Khoury MJ, Ioannidis JPA*. Impact of violations and deviations in Hardy-Weinberg equilibrium on postulated gene-disease associations. **American Journal of Epidemiology** 2006, 163:300-9.
238. *Pan Z, Trikalinos TA, Kavvoura FK, Lau J, Ioannidis JPA*. Local literature bias in genetic epidemiology: an empirical evaluation of the Chinese literature. **PLoS Medicine** 2005, 2:e334. Accompanied by editorial in the same issue.
239. *Trikalinos TA, Karvouni A, Zintzaras E, Ylisaukko-oja T, Peltonen L, Jarvela I, Ioannidis JPA*. A heterogeneity-based genome search meta-analysis for autism-spectrum disorders. **Molecular Psychiatry** 2006, 11:29-36.
240. *Evangelou E, Trikalinos TA, Ioannidis JPA*. Unavailability of online supplementary scientific information from articles published in major journals. **FASEB Journal** 2005, 19:1943-4.
241. *Papanikolaou PN, Christidi G, Ioannidis JPA*. Comparison of evidence on harms of medical interventions in randomized and nonrandomized studies. **Canadian Medical Association Journal** 2006, 174:635-41. Accompanied by editorial in the same issue.
242. *Karassa FB, Afeltra A, Ambrozic A, Chang D-M, De Keyser F, Doria A, Galeazzi M, Hirohata S, Hoffman IEA, Inanc M, Massardo L, Mathieu A, Mok CC, Morozzi G, Sanna G, Spindler AJ, Tzioufas AG, Yoshio T,*

- Ioannidis JPA*. Accuracy of anti-ribosomal P protein antibody testing for diagnosis of neuropsychiatric systemic lupus erythematosus: an international meta-analysis. **Arthritis and Rheumatism** 2006, 54:312-24.
243. *Ioannidis JPA*. Journals should publish all “null results and should sparingly publish positive results. **Cancer Epidemiology Biomarkers and Prevention** 2006, 15:186 (invited).
244. *Polyzos NP, Poavlidis N, Paraskevaoidis E, Ioannidis JPA*. Randomized evidence on chemotherapy and hormonal therapy regimens in advanced endometrial cancer: an overview of survival data. **European Journal of Cancer** 2006, 42:319-26.
245. *Ioannidis JPA, Trikalinos TA, Zintzaras E*. Extreme between-study homogeneity in meta-analysis could offer useful insights. **Journal of Clinical Epidemiology** 2006, 59:1023-1032.
246. *Ioannidis JPA, Mulrow CD, Goodman SN*. Adverse events: the more you search, the more you find. **Annals of Internal Medicine** 2006, 144:298-300 (editorial).
247. *Contopoulos-Ioannidis DG, Alexiou G, Gouvas T, Ioannidis JPA*. An empirical evaluation of multifarious outcomes in pharmacogenetics: beta2 adrenoreceptor gene polymorphisms in asthma treatment. **Pharmacogenetics and Genomics** 2006, 16:705-11.
248. *Ralston SH, Uitterlinden AG, Brandi ML, Balcells S, Langdahl BL, Lips P, Lorenc R, Obermayer-Pietsch B, Scollen S, Bustamante M, Husted LB, Carey AH, Diez-Perez A, Dunning AM, Falchetti A, Karczmarewicz E, Kruk M, van Leeuwen JP, van Meurs JB, Mangion J, McGuigan FE, Mellibovsky L, del Monte F, Pols HA, Reeve J, Reid DM, Renner W, Rivadeneira F, van Schoor NM, Sherlock RE, Ioannidis JP; GENOMOS Investigators*. Large-scale evidence for the effect of the COL1A1 Sp1 polymorphism on osteoporosis outcomes: the GENOMOS study. **PLoS Medicine** 2006, 3(4):e90.
249. *Patsopoulos N, Analatos A, Ioannidis JPA*. Origin and funding of the most frequently cited papers in medicine: database analysis. **BMJ** 2006, 332:1061-4. Accompanied by editorial in the same issue.
250. *Ioannidis JPA, Gwinn ML, Little J, Higgins JPT, Bernstein JL, Boffetta P, Bondy M, Bray MS, Brenchley PE, Buffler PA, Casas JP, Chokkalingam A, Danesh J, Smith GD, Dolan S, Duncan R, Gruis NA, Hartge P, Hasbibe M, Hunter DJ, Jarvelin M-R, Malmer B, Maraganore DM, Newton-Bishop JA, O'Brien TR, Petersen G, Riboli E, Salanti G, Seminara D, Smeeth L, Taioli E, Timpson N, Uitterlinden AG, Vineis P, Wareham N, Winn DM, Zimmer R, Khoury MJ, for the Human Genome Epidemiology Network and the Network of Investigator Networks*. A roadmap for efficient and reliable human genome epidemiology. **Nature Genetics** 2006, 38:3-5. Accompanied by editorial in the same issue.
251. *Ioannidis JPA*. Vad sager oss “efferstudier” och metaanalys om effektiviteten av interventioner for mental halsa. **Finska Lakaresallskapets Handlingar** 2005, 165:8-11. (invited, in Finnish)
252. *Ioannidis JPA*. Why most published research findings are false. **Chance** 2005, 18:40-47 (reprinted publication).
253. *Pakos EE, Trikalinos TA, Fotopoulos AD, Ioannidis JPA*. Prosthesis infection: diagnosis after total joint arthroplasty with antigranulocyte scintigraphy with 99mTc-labeled monoclonal antibodies-a meta-analysis. **Radiology** 2007, 242:101-108.
254. *Tiihonen J, Walbbeck K, Lonnqvist J, Klaukka T, Ioannidis JP, Volavka J, Haukka J*. Effectiveness of antipsychotic treatments in a nationwide cohort of patients in community care after first hospitalisation due to schizophrenia and schizoaffective disorder: observational follow-up study. **BMJ** 2006, 333:224-8. Accompanied by editorial in the same issue.
255. *Ioannidis JPA*. Meta-analysis in public health: potential and promises. **Italian Journal of Public Health** 2006, 3:9-14.
256. *Salanti G, Higgins JPT, Trikalinos TA, Ioannidis JPA*. Bayesian meta-analysis and meta-regression for gene-disease associations and deviations from Hardy-Weinberg equilibrium. **Statistics in Medicine** 2007, 26:553-67.
257. *Uitterlinden AG, Ralston SH, Brandi ML, Carey AH, Grinberg D, Langdahl BL, Lips P, Lorenc R, Obermayer-Pietsch B, Reeve J, Reid DM, Amidei A, Bassiti A, Bustamante M, Husted LB, Diez-Perez A, Dobnig H, Dunning AM, Enjuanes A, Fahrleitner-Pammer A, Fang Y, Karczmarewicz E, Kruk M, van Leeuwen JP, Mavilia*

- C, van Meurs JB, Mangion J, McGuigan FE, Pols HA, Renner W, Rivadeneira F, van Schoor NM, Scollen S, Sherlock RE, Ioannidis JP; APOSS Investigators; EPOS Investigators; EPOLOS Investigators; FAMOS Investigators; LASA Investigators; Rotterdam Study Investigators; GENOMOS Study. The association between common vitamin D receptor gene variations and osteoporosis: a participant-level meta-analysis. **Annals of Internal Medicine** 2006, 145:255-64. Accompanied by editorial in the same issue.
258. Ioannidis JPA, Trikalinos TA, Khoury MJ. Implications of small effect sizes of individual genetic variants on the design and interpretation of genetic association studies of complex diseases. **American Journal of Epidemiology** 2006, 164:609-14.
259. Fang Y, Rivadeneira F, van Meurs JBJ, Pols HAP, Ioannidis JPA. Vitamin D receptor gene Bsm I and TaqI polymorphisms and fracture risk: a meta-analysis. **Bone** 2006, 39:938-45.
260. Zintzaras E, Kitsios G, Harrison GA, Laivuori H, Kivinen K, Kere J, Messinis I, Stefanidis I, Ioannidis JPA. Heterogeneity-based genome search meta-analysis for preeclampsia. **Human Genetics** 2006, 120:360-70
261. Papanikolaou PN, Christidi G, Ioannidis JPA. Patient outcomes with teaching versus non-teaching healthcare: systematic review. **PLoS Medicine** (2006, 3:e341. Accompanied by editorial in the same issue.
262. Ioannidis JPA. Indirect comparisons: the mesh and mess of clinical trials. **Lancet** 2006, 368:1470-2 (editorial)
263. Ioannidis JPA. Gene expression profiling for individualized breast cancer chemotherapy: success – or not? **Nature Clinical Practice Oncology** 2006, 3:538-9 (editorial).
264. Lau J, Ioannidis JPA, Terrin N, Schmid CH, Olkin I. The case of the misleading funnel plot. **BMJ** 2006, 333:597-600.
265. Ioannidis JPA, Kavvoura FK. Concordance of functional in vitro biological data with epidemiological associations for complex diseases. **Genetics in Medicine** 2006, 8:583-593.
266. Ioannidis JP, Ng MY, Sham PC, Zintzaras E, Lewis CM, Deng HW, Econs MJ, Karasik D, Devoto M, Kammerer CM, Spector T, Andrew T, Cupples LA, Duncan EL, Foroud T, Kiel DP, Koller D, Langdahl B, Mitchell BD, Peacock M, Recker R, Shen H, Sol-Church K, Spotila LD, Uitterlinden AG, Wilson SG, Kung AW, Ralston SH. Meta-analysis of genome-wide scans provides evidence for sex- and site-specific regulation of bone mass. **Journal of Bone and Mineral Research** 2007, 22:173-83.
267. Evangelou E, Trikalinos TA, Salanti G, Ioannidis JPA. Family-based versus unrelated case-control designs for genetic associations. **PLoS Genetics** 2006, 2:e123.
268. Ioannidis JPA. Why most published research findings are false. **Science Focus** (journal of the Chinese Academy of Science) 2006, 1(4):1-9 (translated publication, accompanied by two editorials).
269. Maraganore DM, de Andrade M, Elbaz A, Farrer MJ, Ioannidis JP, Krüger R, Rocca WA, Schneider NK, Lesnick TG, Lincoln SG, Hulihan MM, Aasly J, Ashizawa T, Chartier-Harlin M-C, Checkoway H, Ferrarese C, Hadjigeorgiou G, Hattori N, Kawakami H, Lambert J-C, Lynch T, Mellick GD, Papapetropoulos S, Parsian A, Quattro A, Riess O, Tan E-K, van Broeckhoven C, on behalf of the Genetic Epidemiology of Parkinson's Disease Consortium. Collaborative analysis of alpha-synuclein gene promoter variability and Parkinson's disease. **JAMA** 2006, 296:661-70.
270. Ioannidis JPA. Evolution and translation of research findings: from bench to where? **PLoS Clinical Trials** 2006, 1:e36.
271. Seminara D, Khoury MJ, O'Brien TR, Manolio T, Gwinn ML, Little J, Higgins JPT, Bernstein JL, Boffetta P, Bondy M, Bray MS, Brenchley PE, Buffler PA, Casas JP, Chokkalingam A, Danesh J, Davey Smith G, Dolan S, Duncan R, Gruis NA, Hashibe M, Hunter D, Jarvelin M-R, Malmer B, Maraganore DM, Newton-Bishop JA, Riboli E, Salanti G, Taioli E, Timpson N, Uitterlinden AG, Vineis P, Wareham N, Winn DM, Zimmern R, Ioannidis JPA for the Human Genome Epidemiology Network and the Network of Investigator Networks. The emergence of networks in human genome epidemiology: challenges and opportunities. **Epidemiology** 2007, 18:1-8.
272. Mauri D, Pavlidis N, Polyzos NP, Ioannidis JPA. Survival with aromatase inhibitors and inactivators

- versus standard hormonal therapy in advanced breast cancer: meta-analysis. **Journal of the National Cancer Institute** 2006, 98:1285-91. Accompanied by editorial in the same issue
273. Kyrgiou M, Salanti G, Pavlidis N, Paraskavidis E, Ioannidis JPA. Survival benefits with diverse chemotherapy regimens for ovarian cancer: meta-analysis of multiple treatments. **Journal of the National Cancer Institute** 2006, 98:1655-63.
274. Elbaz A, Nelson LM, Payami H, Ioannidis JPA, Fiske BK, Annesi G, Carmine A, Factor SA, Ferrarese C, Hadjigeorgiou GM, Higgins D, Kavakami H, Krueger R, Marder K, Mayeux R, Mellick G, Nutt J, Ritz B, Samii A, Tanner CM, Van Broeckhoven C, Van Den Eeden SK, Wirdefeldt K, Zabetian CP, Debem M, Montimurro JS, Myers RM, Southwick A, Trikalinos TA. Lack of replication of thirteen single nucleotide polymorphisms implicated in Parkinson's disease: a large-scale international study. **Lancet Neurology** 2006, 5:917-23. Accompanied by editorial in the same issue.
275. Ioannidis JPA. Common genetic variants for breast cancer: 32 largely refuted candidates and larger prospects. **Journal of the National Cancer Institute** 2006, 98:1350-3 (editorial).
276. Toumpoulis IK, Anagnostopoulos CE, Ioannidis JP, Toumpoulis SK, Chamogeorgakis T, Swistel DG, Derose JJ. The importance of independent risk-factors for long-term mortality prediction after cardiac surgery. **European Journal of Clinical Investigation** 2006, 36:599-607.
277. Christou MAC, Siontis GCM, Katritsis DG, Ioannidis JPA. Meta-analysis of fractional flow reserve against quantitative coronary angiography versus non-invasive imaging for evaluation of myocardial ischemia. **American Journal of Cardiology** 2007, 99:450-6.
278. Ioannidis JPA. Limitations are not properly acknowledged in the scientific literature. **Journal of Clinical Epidemiology** 2007, 60:324-9.
279. Contopoulos-Ioannidis DG, Kouri IN, Ioannidis JPA. Genetic predisposition to asthma and atopy. **Respiration** 2007, 74:8-12.
280. Tzioras S, Pavlidis N, Paraskavidis E, Ioannidis JPA. Effects of different chemotherapy regimens on survival for advanced cervical cancer: systematic review and meta-analysis. **Cancer Treatment Reviews** 2007, 33:24-38.
281. Ioannidis JPA. Concentration of the most-cited papers in the scientific literature: analysis of journal ecosystems **PLoS ONE** 2006, 1:e5.
282. Khoury MJ, Little J, Gwinn M, Ioannidis JP. On the synthesis and interpretation of consistent but weak gene-disease associations in the era of genome-wide association studies. **International Journal of Epidemiology** 2007, 36:439-45. Accompanied by editorial in the same issue.
283. Hernandez AV, Westerhout CM, Steyerberg EW, Ioannidis JP, Bueno H, White H, Theroux P, Moliterno DJ, Armstrong PW, Califf RM, Wallentin LC, Simoons ML, Boersma E. Effects of platelet glycoprotein IIb/IIIa receptor blockers in non-ST-segment elevation acute coronary syndromes: Benefit and harm in different age subgroups. **Heart** 2007, 93:450-5.
284. Ntzani EE, Rizos EC, Ioannidis JPA. Genetic effects vs. bias for candidate polymorphisms in myocardial infarction: case-study and overview of large-scale evidence. **American Journal of Epidemiology** 2007, 165:973-84.
285. Kavvoura FK, Liberopoulos G, Ioannidis JPA. Selection in reported epidemiological risks: an empirical assessment. **PLoS Medicine** 2007, 4:e79.
286. Kyzas PA, Denaxa-Kyza D, Ioannidis JPA. Quality of reporting of cancer prognostic marker studies: association with reported prognostic effect. **Journal of the National Cancer Institute** 2007, 99:1-8.
287. Ioannidis JP, Ahmed T, Awasthi S, Clarfield AM, Clark J, Dandona L, Howe A, Lozano JM, Li Y, Madani H, Marusic A, Mohammed I, Purcell GP, Rhoads M, Sliwa-Habnle K, Straus SE, Edejer TT, Tugwell P, Ward R, Wilkes MS, Smith R. Open letter to the leader of academic medicine. **BMJ** 2007, 334:191-3.
288. Stefanis NC, Trikalinos TA, Avramopoulos D, Smyrnis N, Evdokimidis I, Ntzani EE, Ioannidis JPA, Stefanis CN. Impact of schizophrenia candidate genes on schizotypy and cognitive endophenotypes at the population level. **Biological Psychiatry** 2007, 62:784-92.
289. Lathyris DN, Trikalinos TA, Ioannidis JPA. Evidence from crossover trials: empirical evaluation and

- comparison against parallel arm trials. **International Journal of Epidemiology** 2007, 36:422-30.
290. *Ioannidis JPA, Trikalinos TA*. An exploratory test for an excess of significant findings. **Clinical Trials** 2007, 4:245-253. Accompanied by editorial in the same issue.
291. *Ioannidis JPA* The JECH research agenda: genetic and molecular epidemiology. **Journal of Epidemiology and Community Health** 2007, 61:757-8.
292. *Ioannidis JPA*. Molecular evidence-based medicine: evolution and integration of information in the genomic era. **European Journal of Clinical Investigation** 2007, 37:340-9.
293. *Ioannidis JPA*. Is molecular profiling ready for use in clinical decision making? **The Oncologist** 2007, 12:301-11.
294. *Ioannidis JPA, Trikalinos TA*. The appropriateness of asymmetry tests for publication bias in meta-analyses: a large survey. **CMAJ** 2007, 176:1091-6.
295. *Evangelou E, Maragnaore DM, Ioannidis JPA*. Meta-analysis in genome-wide association datasets: strategies and application in Parkinson disease. **PLoS ONE** 2007, 2:e196.
296. *Ioannidis JPA*. Non-replication and inconsistency in the genome-wide association setting. **Human Heredity** 2007, 64:203-213.
297. *Salanti G, Ades AE, Higgins JP, Ioannidis JPA*. Evaluation of networks of randomized trials. **Statistical Methods in Medical Research** 2008,17:279-301. Accompanied by editorial in the same issue.
298. *Kavvoura FK, Ioannidis JP*. Methods for meta-analysis in genetic association studies: a review of their potential and pitfalls. **Human Genetics** 2008, 123:1-14.
299. *Contopoulos-Ioannidis DG, Kouri I, Ioannidis JPA*. Pharmacogenetics of the response to b2 agonist drugs: a systematic overreview of the field. **Pharmacogenomics** 2007, 8:933-58.
300. *Kavvoura FK, Akamizu T, Awata T, Ban Y, Chistiakov DA, Frydecka I, Ghaderi A, Gough SC, Hiromatsu Y, Ploski R, Wang P-W, Ban Y, Bednarczyk T, Chistiakova EI, Chojm M, Heward JM, Hiratani H, Hank Juo S-H, Karabon L, Katayama S, Kurihara S, Liu R-T, Miyake I, Omrani GR, Pawlak E, Taniyama M, Tozaki T, Ioannidis JPA*. CTLA- 4 gene polymorphisms and autoimmune thyroid diseases: a meta-analysis. **Journal of Clinical Endocrinology and Metabolism** 2007, 92:3162-70.
301. *Pakos E, Koumoulis HD, Fotopoulos AD, Ioannidis JPA*. Osteomyelitis: antigranulocyte scintigraphy with 9mTC radiolabeled monoclonal antibodies for diagnosis: meta-analysis. **Radiology** 2007;245:732-41.
302. *Ioannidis JP*. Why most published research findings are false: author's reply to Goodman and Greenland. **PLoS Medicine** 2007, 4:e215 (letter).
303. *Khoury MJ, Little J, Higgins J, Ioannidis JP, Gwinn M*. Reporting of systematic reviews: the challenge of genetic association studies. **PLoS Medicine** 2007, 4:e211 (letter).
304. *Bertsias GK, Ioannidis JP, Boletis J, Bombardieri S, Cervera R, Dostal C, Font J, Gilboe IM, Houssiau F, Huizinga T, Isenberg D, Kallenberg CG, Khamashta M, Piette JC, Schneider M, Smolen J, Sturfelt G, Tincani A, van Vollenhoven R, Gordon C, Boumpas DT*. EULAR recommendations for the management of systemic lupus erythematosus (SLE): Report of a Task Force of the European Standing Committee for International Clinical Studies Including Therapeutics (ESCISIT). **Annals of the Rheumatic Diseases** 2008, 67:195-205.
305. *Ioannidis JPA, Adami H-O*. Nested randomized trials in large cohorts and biobanks: studying the health effects of lifestyle factors. **Epidemiology** 2008, 19:75-82.
306. *Katritsis DG, Ioannidis JP*. Percutaneous coronary intervention versus medical therapy for stable coronary artery disease. **New England Journal of Medicine** 2007, 357:414-5 (letter).
307. *Ioannidis JPA, Polyzos NP, Trikalinos TA*. Selective discussion and transparency in microarray research findings for cancer outcomes. **European Journal of Cancer** 2007, 43:1999-2010.
308. *Ioannidis JPA, Patsopoulos NA, Evangelou E*. Heterogeneity in meta-analyses of genome-wide association investigations. **PLoS ONE** 2007, 2:e841
309. *Ioannidis JPA, Patsopoulos NA, Evangelou E*. Uncertainty in heterogeneity estimates in meta-analyses. **BMJ** 2007;335:914-6. Note: This work received the Thomas C. Chalmers award at the 2007 Cochrane Colloquium, young researcher presenter: Nikolaos Patsopoulos.

310. Patsopoulos NA, Tatsioni A, Ioannidis JPA. Claims of sex differences: an empirical assessment in genetic associations. **JAMA** 2007, 298:880-93.
311. Papatheodorou SI, Trikalinos TA, Ioannidis JPA. Inflated numbers of authors over time have not been just due to increasing research complexity. **Journal of Clinical Epidemiology** 2008, 61:546-51.
312. Higgins JPT, Little J, Ioannidis JPA, Bray MS, Manolio TA, Smeeth L, Sterne JA, Anagnostelis B, Butterworth AS, Danesh J, Dezaux C, Gallacher JE, Gwinn M, Lewis SJ, Minelli C, Pharoah PD, Salanti G, Sanderson S, Smith LA, Taioli E, Thompson JR, Thompson SG, Walker N, Zimmern RL, Khoury MJ. Turning the pump handle: evolving methods for integrating the evidence on gene-disease association. **American Journal of Epidemiology** 2007, 166:863-6.
313. Ioannidis JPA, Katritsis DG. Percutaneous coronary intervention for late reperfusion after myocardial infarction in stable patients. **American Heart Journal** 2007, 154:1065-71. Accompanied by editorial in the same issue.
314. Ioannidis JPA, Boffetta P, Little J, O'Brien TR, Uitterlinden AG, Vineis P, Balding DJ, Chokkalingam A, Dolan SM, Flanders WD, Higgins JPT, McCarthy MI, McDermott DH, Page GP, Rebbeck TR, Seminara D, Khoury MJ. Assessment of cumulative evidence on genetic associations: interim guidelines. **International Journal of Epidemiology** 2008, 37:120-32. Accompanied by editorial in the same issue.
315. Hernandez AV, Walker E, Ioannidis JPA, Kattan MW. Challenges in meta-analyses of randomized clinical trials for rare harmful cardiovascular events: The case of rosiglitazone. **American Heart Journal** 2008, 156:23-30.
316. Kyzas P, Denaxa-Kyza D, Ioannidis JPA. Almost all articles on cancer prognostic markers report statistically significant results. **European Journal of Cancer** 2007;43:2559-79.
317. Ioannidis JP, Patsopoulos NA, Kavvoura FK, Tatsioni A, Evangelou E, Kouri I, Contopoulos-Ioannidis DG, Liberopoulos G. International ranking systems for universities and institutions: a critical appraisal. **BMC Medicine** 2007, 5:30.
318. Goufopoulos V, Salanti G, Pavlidis N, Ioannidis JP. Survival and disease-progression benefits with treatment regimens for advanced colorectal cancer: a meta-analysis. **Lancet Oncology** 2007, 8:898-911. Accompanied by editorial in the same issue.
319. Langdahl BL, Uitterlinden AG, Ralston SH, Trikalinos TA, Balcells S, Brandi ML, Scollen S, Lips P, Lorenc R, Obermayer-Pietsch B, Reid DM, Armas JB, Arp PP, Bassiti A, Bustamante M, Husted LB, Carey AH, Pérez Cano R, Dobnig H, Dunning AM, Fabreleitner-Pammer A, Falchetti A, Karczmarewicz E, Kruk M, van Leeuwen JP, Masi L, van Meurs JB, Mangion J, McGuigan FE, Mellibovsky L, Mosekilde L, Nogués X, Pols HA, Reeve J, Renner W, Rivadeneira F, van Schoor NM, Ioannidis JP. Large-scale analysis of association between polymorphisms in the transforming growth factor beta 1 gene (TGFB1) and osteoporosis: the GENOMOS study. **Bone** 2008, 42:969-81.
320. Moonesinghe R, Khoury MJ, Liu T, Ioannidis JP. Required sample size and nonreplicability thresholds for heterogeneous genetic associations. **Proceedings of the National Academy of Sciences U S A** 2008, 105:617-22.
321. Tatsioni A, Bonitsis NG, Ioannidis JP. Persistence of contradicted claims in the literature. **JAMA** 2007, 298:2517-26.
322. Trikalinos TA, Salanti G, Zintzaras E, Ioannidis JPA. Meta-analysis methods. **Advances in Genetics** 2008, 60:311-34.
323. Zintzaras E, Ioannidis JP. Meta-analysis for ranked discovery datasets: Theoretical framework and empirical demonstration for microarrays. **Computational Biology and Chemistry** 2008, 32:38-46.
324. Salanti G, Kavvoura FK, Ioannidis JP. Exploring the geometry of treatment networks. **Annals of Internal Medicine** 2008, 148:544-53.
325. Trikalinos NA, Evangelou E, Ioannidis JP. Falsified papers in high-impact journals were slow to retract and indistinguishable from nonfraudulent papers. **Journal of Clinical Epidemiology** 2008, 61:464-70.
326. van Meurs JB, Trikalinos TA, Ralston SH, Balcells S, Brandi ML, Brixen K, Kiel DP, Langdahl BL, Lips P, Ljunggren O, Lorenc R, Obermayer-Pietsch B, Ohlsson C, Pettersson U, Reid DM, Rousseau F, Scollen S, Van Hul

- W, Agueda L, Akesson K, Benevolenskaya LI, Ferrari SL, Hallmans G, Hofman A, Husted LB, Kruk M, Kaptoge S, Karasik D, Karlsson MK, Lorentzon M, Masi L, McGuigan FE, Mellström D, Mosekilde L, Nogue X, Pols HA, Reeve J, Renner W, Rivadeneira F, van Schoor NM, Weber K, Ioannidis JP, Uitterlinden AG; GENOMOS Study. Large-scale analysis of association between LRP5 and LRP6 variants and osteoporosis. **JAMA** 2008, 299:1277-90.
327. Ioannidis JPA. Effect of formal statistical significance on the credibility of observational associations. **American Journal of Epidemiology** 2008, 168:374-83. Accompanied by editorial in the same issue.
328. Ioannidis JPA. The author responds to “Evaluating p values and Bayes factors”. **American Journal of Epidemiology** 2008, 168:389-90 (response commentary to commentary on above article).
329. Ioannidis JPA. Calibration of credibility of agnostic genome-wide associations. **American Journal of Medical Genetics B: Neuropsychiatric Genetics** 2008, 147B:964-72.
330. Ioannidis JPA. Some main problems eroding the credibility and relevance of randomized trials. **Bulletin of the NYU Hospital for Joint Diseases** 2008, 66:135-9.
331. Patsopoulos NA, Ioannidis JPA. The use of older studies in meta-analyses of medical interventions: a survey. **Open Medicine** 2009, 3:e62-8.
332. Ioannidis JPA. Interpretation of tests of heterogeneity and bias in meta-analysis. **Journal of Evaluation in Clinical Practice** 2008, 14:951-7.
333. Ioannidis JPA. Why most discovered true associations are inflated. **Epidemiology** 2008, 19:640-8. Accompanied by three editorials in the same issue.
334. Ioannidis JPA. Sequential discovery, thinking versus dredging, and shrink or sink. **Epidemiology** 2008, 19:657-658 (commentary).
335. Ioannidis JPA. Interpretation of research results: an indispensable mission impossible? **Seminars in Hematology** 2008, 45:133-4 (editorial).
336. Ioannidis JPA. Perfect study, poor evidence: interpretation of biases preceding study design. **Seminars in Hematology** 2008, 45:160-6.
337. Kyzas PA, Evangelou E, Denaxa-Kyza D, Ioannidis JPA. 18F-fluorodeoxyglucose positron emission tomography to evaluate cervical node metastases in patients with head and neck squamous cell carcinoma: a meta-analysis. **Journal of the National Cancer Institute** 2008, 100:712-20. Accompanied by editorial in the same issue.
338. McCarthy MI, Abecasis GR, Cardon LR, Goldstein DB, Little J, Ioannidis JPA, Hirschhorn JN. Genome-wide association studies for complex traits: consensus, uncertainty and challenges. **Nature Reviews Genetics** 2008, 9:356-69.
339. Gordon C, Bertsias GK, Ioannidis JP, Boletis J, Bombardieri S, Cervera R, Dostál C, Font G, Gilboe IM, Houssian F, Huijzinga TW, Isenberg D, Kallenberg CG, Khamashta MA, Piette JC, Schneider M, Smolen JS, Sturfelt G, Tincani A, Van Vollenhoven R, Boumpas DT. EULAR recommendations for points to consider in conducting clinical trials in systemic lupus erythematosus (SLE). **Annals of the Rheumatic Diseases** 2009, 68:470-6.
340. Ioannidis JP. Measuring co-authorship and networking-adjusted scientific impact. **PLoS ONE** 2008, 3:e2778.
341. Allen NC, Bagade S, McQueen MB, Ioannidis JP, Kavvoura FK, Khoury MJ, Tanzi RE, Bertram L. Systematic meta-analyses and field synopsis of genetic association studies in schizophrenia: the SzGene database. **Nature Genetics** 2008, 40:827-34.
342. Ioannidis JP, Patsopoulos NA, Rothstein HR. Reasons or excuses for avoiding meta-analysis in forest plots. **BMJ** 2008, 336:1413-5.
343. Ioannidis JPA. Effectiveness of antidepressants: an evidence myth constructed from a thousand randomized trials? **Philosophy Ethics & Humanities in Medicine** 2008, 3:14.
344. Evangelou E, Tsianos G, Ioannidis JPA. Doctors' versus patients' global assessments of treatment effectiveness: empirical survey of diverse treatments in clinical trials. **BMJ** 2008, 336:1287-90. Accompanied by y editorial in the same issue.

345. Yesupriya A, Evangelou E, Kavvoura FK, Patsopoulos NA, Clyne M, Walsh MC, Lin BK, Yu W, Gwinn M, Ioannidis JPA, Khoury MJ. Reporting of human genome epidemiology (HuGE) association studies: an empirical assessment. **BMC Medical Research Methodology** 2008, 8:31.
346. Bertsias GK, Ioannidis JPA, Boletis J, Bombardieri S, Cervera R, Dostál C, Font J, Gilboe IM, Houssiau F, Huizinga TW, Isenberg D, Kallenberg CG, Khamashta MA, Piette JC, Schneider M, Smolen JS, Sturfelt G, Tincani A, van Vollenhoven R, Boumpas DT, Gordon C. Evidence for selection of end-points for clinical trials in systemic lupus erythematosus (SLE): a systematic literature review. Report of a Task Force of the EULAR Standing Committee for International Clinical Studies Including Therapeutics (ESCSIT). **Annals of the Rheumatic Diseases** 2009, 68:477-83.
347. Patsopoulos NA, Evangelou E, Ioannidis JP. Sensitivity of between-study heterogeneity in meta-analysis: proposed metrics and empirical evaluation. **International Journal of Epidemiology** 2008, 37:1148-57. Accompanied by commentary and response to commentary.
348. Ioannidis JPA. Finding large effect sizes – good news or bad news? **The Psychologist** 2008, 21:690-1.
349. Alpers C, Bloom RD, Fabrizi F, Izopet J, Jadoul M, Lindley E, Martin P, Morales JM, Natov S, Pol S, Reddy KR, Rostaing L, Roth D, Wei L, Alter M, Lavanchy D, Meyers C, Seff L, Eknayan G, Lameire N, Balk E, Craig J, Earley A, Gordon C, Ioannidis J, Jadoul M, Roth D. KDIGO clinical practice guidelines for the prevention, diagnosis, evaluation, and treatment of hepatitis C in chronic kidney disease. **Kidney International** 2008, 73 (suppl 109): S6-99.
350. Ioannidis JPA. Limits to forecasting in personalized medicine: an overview. **International Journal of Forecasting** 2009, 25:773-83. Accompanied by editorial in the same issue.
351. Dwan K, Altman DG, Arnaiz JA, Bloom J, Chan A-W, Cronin E, Decullier E, Easterbrook PJ, Von Elm E, Gamble C, Gherzi D, Ioannidis JPA, Simes J, Williamson PR. Systematic review of the empirical evidence of study publication bias and outcome reporting bias. **PLoS ONE** 2008, 3:e3081.
352. Thorlund K, Devereaux PJ, Wetterslev J, Gyuatt G, Ioannidis JPA, Thabane L, Gluud L-L, Als-Nielsen B, Gluud C. Can trial sequential monitoring boundaries reduce spurious inferences from meta-analyses? **International Journal of Epidemiology** 2009, 38:276-86.
353. Kavvoura FK, McQueen MB, Khoury MJ, Tanzi RE, Bertram L, Ioannidis JPA. Evaluation of the potential excess of statistically significant findings in reported genetic association studies: application to Alzheimer's disease. **American Journal of Epidemiology** 2008, 168:855-65.
354. Karassa FB, Ioannidis JPA. Mortality in systemic sclerosis. **Clinical and Experimental Rheumatology** 2008, 26:S85-93.
355. Salanti G, Ioannidis JPA. Synthesis of observational studies should consider credibility ceilings. **Journal of Clinical Epidemiology** 2009, 62:115-22. Accompanied by commentary in the same issue.
356. Salanti G, Ioannidis JPA. Spurious meta-analyses: Both critical methodological assessment and statistical correction are needed. **Journal of Clinical Epidemiology** 2009, 62:126-7 (response commentary to commentary on the above article).
357. Ioannidis JPA. Integration of evidence from multiple meta-analyses. Integration of evidence from multiple meta-analyses: a primer on umbrella reviews, treatment networks and multiple treatments meta-analyses. **CMAJ** 2009, 181:488-93.
358. Zeggini E, Ioannidis JPA. Meta-analysis in genome-wide association studies. **Pharmacogenomics** 2009, 10:191-201.
359. Mauri D, Polyzos NP, Salanti G, Pavlidis N, Ioannidis JPA. Multiple treatments meta-analysis of chemotherapy and targeted therapies in advanced breast cancer. **Journal of the National Cancer Institute** 2008, 100:1780-91. Accompanied by editorial in the same issue.
360. Young NS, Ioannidis JPA, Al-Ubaydli O. Why current publication practices may distort science. **PLoS Medicine** 2008, 5:e201.
361. Contopoulos-Ioannidis DG, Alexiou GA, Gouvas TC, Ioannidis JPA. Life cycle of translational research for medical interventions. **Science** 2008, 321:1298-9.
362. Goulinopoulos V, Pentheroudakis G, Salanti G, Nearchou A, Ioannidis JPA, Pavlidis N. Comparative survival

- with diverse chemotherapy regimens for cancer of unknown primary site: multiple treatments meta-analysis. **Cancer Treatment Reviews** 2009, 35:570-3.
363. Patsopoulos NA, Evangelou E, Ioannidis JP. Heterogeneous views on heterogeneity. **International Journal of Epidemiology** 2009, 38:740-2 (letter).
364. Stefanis NC, Trikalinos TA, Avramopoulos D, Smyrnis N, Evdokimidis I, Ntzani EE, Hatzimanolis A, Ioannidis JPA, Stefanis CN. Association of RGS4 variants with schizotypy and cognitive endophenotypes at the population level. **Behavioural Brain Functions** 2008, 4:46.
365. Vineis P, Brennan P, Canzian F, Ioannidis JP, Matullo G, Ritchie M, Stromberg U, Taioli E, Thompson J. Expectations and challenges stemming from genome-wide association studies. **Mutagenesis** 2008, 23:439-44.
366. Khoury MJ, Bertram L, Boffetta P, Butterworth AS, Chanock SJ, Dolan SM, Fortier I, Garcia-Closas M, Gwinn M, Higgins JPT, Janssens CJW, Ostell J, Owen RP, Pagon RA, Rebeck TR, Rothman N, Bernstein JL, Burton PR, Campbell H, Chockalingham A, Furberg H, Little J, O'Brien TR, Seminara D, Vineis P, Winn DM, Yu W, Ioannidis JPA. Genome wide association studies, field synopses and the development of the knowledge base on genetic variation and human diseases. **American Journal of Epidemiology** 2009, 170:269-79.
367. Vineis P, Manuguerra M, Kavvoura FK, Guarrera S, Allione A, Rosa F, DiGregorio A, Polidoro S, Saletta F, Ioannidis JPA (corresponding author), Matullo G. A field synopsis on low-penetrance variants in DNA repair genes and cancer susceptibility. **Journal of the National Cancer Institute** 2009, 101:24-36. Accompanied by editorial in the same issue.
368. Janssens CJW, González-Zuloeta Ladd AM, López-Léon S, Ioannidis JPA, Oostra BA, Khoury MJ, van Duijn CM. An empirical comparison of meta-analyses of published gene-disease associations versus consortium analyses. **Genetics in Medicine** 2009, 11:153-62.
369. Liberopoulos G, Trikalinos N, Ioannidis JPA. The elderly were under-represented in osteoarthritis clinical trials. **Journal of Clinical Epidemiology** 2009, 62:1218-23.
370. Ioannidis JPA. Prediction of cardiovascular disease outcomes and established cardiovascular risk factors by genome-wide association markers. **Circulation: Cardiovascular Genetics** 2009, 2:7-15.
371. Siontis GC, Tatsioni A, Katritsis DG, Ioannidis JP. Persistent reservations against contradicted percutaneous coronary intervention indications: citation content analysis. **American Heart Journal** 2009, 157:695-701. Accompanied by editorial in the same issue.
372. Ioannidis JPA, Allison DB, Ball CA, Coulibaly I, Cui X, Culhane AC, Falchi M, Furlanello C, Game L, Jurman G, Mehta T, Mangion J, Nitzberg M, Page G, Petretto E, van Noort V. Repeatability of published microarray gene expression analyses. **Nature Genetics** 2009, 41:199-205. Accompanied by editorial in the same issue.
373. Attia J, Ioannidis JPA, Thakkinstian A, McEvoy M, Scott R, Minelli C, Thompson J, Infante-Rivard C, Guyatt G. Users' guides to the medical literature. How to use an article about genetic association. A. Background concepts. **JAMA** 2009, 301:74-81.
374. Attia J, Ioannidis JPA, Thakkinstian A, McEvoy M, Scott R, Minelli C, Thompson J, Infante-Rivard C, Guyatt G. Users' guides to the medical literature. How to use an article about genetic association. B. Are the results of the study valid? **JAMA** 2009, 301:191-7.
375. Attia J, Ioannidis JPA, Thakkinstian A, McEvoy M, Scott R, Minelli C, Thompson J, Infante-Rivard C, Guyatt G. Users' guides to the medical literature. How to use an article about genetic association. C. What are the results and will they help me in caring for my patients? **JAMA** 2009, 301:304-8.
376. Ioannidis JPA. Personalized genetic prediction: too limited, too expensive, or too soon? **Annals of Internal Medicine** 2009, 150:139-41.
377. Contopoulos-Ioannidis DG, Karvouni A, Kouri I, Ioannidis JP. SF-36 outcomes in randomised trials: systematic review. **BMJ** 2009, 338:a3006. Accompanied by editorial in the same issue.
378. Lumbreras B, Parker LA, Porta M, Pollán M, Ioannidis JP, Hernández-Aguado I. Overinterpretation of clinical applicability in molecular diagnostic research. **Clinical Chemistry** 2009, 55:786-94.
379. Little J, Higgins JPT, Ioannidis JPA, Mober D, Gagnon F, von Elm E, Khoury MJ, Cohen B, Davey-Smith G,

- Grimshaw J, Scheet P, Gwinn M, Williamson RE, Zou GY, Hutchings K, Johnson CY, Tait V, Wiens M, Golding J, van Duyn C, McLaughlin J, Paterson A, Wells G, Fortier I, Freedman M, Zecevic M, King R, Infante-Rivard C, Stewart A, Birkett N.* Strengthening the Reporting of Genetic Association Studies (STREGA) – An Extension of the STROBE Statement. **PLoS Medicine** 2009, 6:e22.
380. As above, concurrent STREGA publication in **Annals of Internal Medicine** 2009, 150:206-15.
381. As above, concurrent STREGA publication in **Genetic Epidemiology** 2009, March 10
382. As above, concurrent STREGA publication in **Human Genetics** 2009, 125:131-51. Accompanied by editorial in the same issue.
383. As above, concurrent STREGA publication in **European Journal of Clinical Investigation** 2009, 39:247-66.
384. As above, concurrent STREGA publication in **Journal of Clinical Epidemiology** 2009, 62:597-608. Accompanied by editorial in the same issue.
385. As above, concurrent STREGA publication in **European Journal of Clinical Epidemiology** 2009, 24:37-55. Accompanied by editorial in the same issue.
386. As above, STREGA publication in **Italian Journal of Public Health** 2009, 6:238-55.
387. *Ioannidis JP, Thomas G, Daly MJ.* Validating, augmenting and refining genome-wide association signals. **Nature Reviews Genetics** 2009, 10:318-29.
388. *Pakos EE, Nearchou AD, Grimer RJ, Koumoullis HD, Abudu A, Bramer JA, Jeys LM, Franchi A, Scoccianti G, Campanacci D, Capanna R, Aparicio J, Tabone MD, Holzger G, Abdolvahab F, Funovics P, Dominkus M, Ilhan I, Berrak SG, Patino-Garcia A, Sierrasesumaga L, San-Julian M, Garrans M, Petrilli AS, Filbo RJ, Macedo CR, Alves MT, Seiwert S, Nagarajan R, Cripe TP, Ioannidis JP.* Prognostic factors and outcomes for osteosarcoma: An international collaboration. **European Journal of Cancer** 2009, 45:2367-75.
389. *Patsopoulos NA, Ioannidis JP.* Susceptibility variants for rheumatoid arthritis in the TRAF1-C5 and 6q23 loci: a meta-analysis. **Annals of the Rheumatic Diseases** 2010, 69:561-6.
390. *Salanti G, Southam L, Altshuler D, Ardlie K, Barroso I, Boehnke M, Cornelis MC, Frayling TM, Grallert H, Grarup N, Groop L, Hansen T, Hattersley AT, Hu FB, Hveem K, Illig T, Kuusisto J, Laakso M, Langednberg C, Lyssenko V, McCarthy MI, Morris A, Morris AD, Palmer CNA, Payne F, Platou CGP, Scott LJ, Voight BF, Wareham NJ, Zeggini E, Ioannidis JPA.* Underlying genetic models of inheritance in established type 2 diabetes associations. **American Journal of Epidemiology** 2009, 170:537-45.
391. *Evangelou E, Maraganore DM, Annesi G, Brighina L, Brice A, Elbaz A, Ferrarese C, Hadjigeorgiou GM, Krueger R, Lambert J-C, Lesage S, Markopoulou K, Mellick GD, Meeus B, Pedersen NL, Quattrone A, Van Broeckhoven C, Sharma M, Silburn PA, Tan EK, Wirdefeldt K, Ioannidis JPA.* Non-replication of association for 6 polymorphisms from meta-analysis of genome-wide association studies of Parkinson's disease: large-scale collaborative study. **American Journal of Medical Genetics B: Neuropsychiatric Genetics** 2010, 153B:220-8.
392. *Kraft P, Zeggini E, Ioannidis JPA.* Replication in genome-wide association studies. **Statistical Science** 2009, 24:561-73.
393. *Ioannidis JPA.* Ranking antidepressants (letter). **Lancet** 2009, 373:1759-60.
394. *Liberati A, Altman DG, Tetzlaff J, Mulrow C, Gotzsche PC, Ioannidis JPA, Clarke M, Devereaux PJ, Kleijnen J, Moher D, and the PRISMA Group.* The PRISMA Statement for reporting systematic reviews and meta-analyses of studies that evaluate health care interventions: explanation and elaboration. **PLoS Medicine** 2009, 6:e1000100.
395. As above, concurrent publication of PRISMA in **Annals of Internal Medicine** 2009, 151:W65-94.
396. As above, concurrent publication of PRISMA in **BMJ** 2009, 339:b2700.
397. As above, concurrent publication in **Journal of Clinical Epidemiology** 2009, 62:e1-34.
398. *Evangelou E, Chapman K, Meulenbelt I, Karassa FB, Loughlin J, Bos SD, Doherty M, Doherty S, Gomez-Reino JJ, Gonzalez A, Halldorsson BV, Hauksson VB, Hofman A, Hart DJ, Ikegawa S, Ingvarsson T, Jiang Q, Jonsdottir I, Jonsson H, Kerckhof HJM, Lane NE, Li J, Lories RJ, van Meurs JBJ, Näkki A, Nevitt MC, Rodriguez-Lopez J, Shi D, Slagboom PE, Stefansson K, Tsezou A, Wallis GA, Watson C, Spector TD, Uitterlinden*

- AG, Valdes AM, Ioannidis JPA. Large-scale analysis of association between GDF5 and FRZB variants and hip, knee and hand osteoarthritis. **Arthritis and Rheumatism** 2009, 60:1710-21.
399. Khoury MJ, McBride C, Schully SD, Ioannidis JPA, Feero WG, Janssens ACJW, Gwinn M, Simons-Morton DG, Bernhardt JM, Cargill M, Chanock SJ, Church GM, Coates RJ, Collins FS, Croyle RT, Davis BR, Downing GJ, DuRoss A, Friedman S, Gail MH, Ginsburg GS, Green RC, Greene MH, Greenland P, Gulcher JR, Hsu A, Hudson KL, Kardia SLR, Kimmel PL, Lauer MS, Miller AM, Offit K, Ransobhoff DF, Roberts S, Rasooly RS, Stefansson K, Terry SF, Teutsch SM, Trepanier A, Wanke KL, Witte JS, Xu J. The scientific foundation for personal genomics: recommendations from an NIH-CDC multidisciplinary workshop. **Genetics in Medicine** 2009, 11:559-67.
400. Ioannidis JP. Adverse events in randomized trials: neglected, restricted, distorted, and silenced. **Archives of Internal Medicine** 2009, 169:1737-9 (editorial).
401. Manzoli L, Salanti G, De Vito C, Boccia A, Ioannidis JP, Villari P. Immunogenicity and adverse events of avian influenza A H5N1 vaccine in healthy adults: multiple-treatments meta-analysis. **Lancet Infectious Diseases** 2009, 9:482-92.
402. Richards JB, Kavvoura FK, Rivadeneira F, Styrkársdóttir U, Estrada K, Halldórsson BV, Hsu YH, Zillikens MC, Wilson SG, Mullin BH, Amin N, Aulchenko YS, Cupples LA, Deloukas P, Demissie S, Hofman A, Kong A, Karasik D, van Meurs JB, Oostra BA, Pols HA, Sigurdsson G, Thorsteinsdóttir U, Soranzo N, Williams FM, Zhou Y, Ralston SH, Thorleifsson G, van Duijn CM, Kiel DP, Stefansson K, Uitterlinden AG, Ioannidis JP, Spector TD; Genetic Factors for Osteoporosis Consortium. Collaborative meta-analysis: associations of 150 candidate genes with osteoporosis and osteoporotic fracture. **Annals of Internal Medicine** 2009, 151:528-37.
403. Tzoulaki I, Liberopoulos G, Ioannidis JP. Assessment of claims of improved prediction beyond the Framingham risk score. **JAMA** 2009, 302:2345-52. Accompanied by editorial in the same issue.
404. Yang Q, Flanders WD, Moonesinghe R, Ioannidis JP, Guessous I, Khoury MJ. Using lifetime risk estimates in personal genomic profiles: estimation of uncertainty. **American Journal of Human Genetics** 2009, 85:786-800.
405. Pereira TV, Patsopoulos NA, Salanti G, Ioannidis JP. Discovery properties of genome-wide association signals from cumulatively combined data sets. **American Journal of Epidemiology** 2009, 170:1197-206.
406. Sotiriadis A, Makrydimas G, Papatheodorou S, Ioannidis JP. Corticosteroids for preventing neonatal respiratory morbidity after elective caesarean section at term. **Cochrane Database of Systematic Reviews** 2009, (4):CD006614.
407. Rivadeneira F, Styrkársdóttir U, Estrada K, Halldórsson BV, Hsu YH, Richards JB, Zillikens MC, Kavvoura FK, Amin N, Aulchenko YS, Cupples LA, Deloukas P, Demissie S, Grundberg E, Hofman A, Kong A, Karasik D, van Meurs JB, Oostra B, Pastinen T, Pols HA, Sigurdsson G, Soranzo N, Thorleifsson G, Thorsteinsdóttir U, Williams FM, Wilson SG, Zhou Y, Ralston SH, van Duijn CM, Spector T, Kiel DP, Stefansson K, Ioannidis JP, Uitterlinden AG; Genetic Factors for Osteoporosis (GEFOS) Consortium. Twenty bone-mineral-density loci identified by large-scale meta-analysis of genome-wide association studies. **Nature Genetics** 2009, 41:1199-206.
408. Ioannidis JP. Population-wide generalizability of genome-wide discovered associations. **Journal of the National Cancer Institute** 2009, 101:1297-9 (commentary).
409. Ioannidis JPA, Tatsioni A, Karassa FB. A vision for the European Journal of Clinical Investigation: notte from the new editors. **European Journal of Clinical Investigation** 2010, 40:1-3 (editorial).
410. Ioannidis JPA, Loy EY, Poulton R, Chia KS. Researching genetic versus nongenetic determinants of disease: a comparison and proposed unification. **Science Translational Medicine** 2009, 1:7ps8.
411. Galvan A, Ioannidis JPA, Galvani T. Beyond genome-wide association studies: genetic heterogeneity and individual predisposition to cancer. **Trends in Genetics** 2010, 26:132-41.
412. Kitsos G, Petrou Z, Grigoriadou M, Samples JR, Hewitt AW, Kokotas H, Giannoulia-Karantana A, Mackey DA, Wirtz MK, Moschou M, Ioannidis JP, Petersen MB. Primary open angle glaucoma due to T377M

- MYOC: Population mapping of a Greek founder mutation in Northwestern Greece. **Clinical Ophthalmology** 2010, 4:171-8.
413. Lathyris DN, Patsopoulos NA, Salanti G, Ioannidis JP. Industry sponsorship and selection of comparators in randomized clinical trials. **European Journal of Clinical Investigation** 2010, 40:172-82.
414. Dimoliatis IDK, Vasilaki E, Anastassopoulos P, Ioannidis JPA, Roff S. Validation of the Greek translation of the Dundee Ready Education Environment Measure (DREEM). **Education for Health** 2010, 23:348
415. Tsianos GI, Evangelou E, Boot A, Zillikens MC, van Meurs JB, Uitterlinden AG, Ioannidis JP. Association of polymorphisms of eight muscle- or metabolism-related genes with performance in Mount Olympus marathon runners. **Journal of Applied Physiology** 2010, 108:567-74.
416. Siontis K, Patsopoulos NA, Ioannidis JPA. Replication of past candidate loci for common diseases and phenotypes in 100 genome-wide association studies. **European Journal of Human Genetics** 2010, 18:832-7.
417. Tatsioni A, Vavva E, Ioannidis JP. Sources of funding for Nobel Prize-winning work: public or private? **FASEB Journal** 2010, 24:1335-9.
418. Chavalarias D, Ioannidis JPA. Science mapping analysis characterizes 235 biases in biomedical research. **Journal of Clinical Epidemiology** 2010, 63:1205-15.
419. Krüger R, Sharma M, Riess O, Gasser T, Van Broeckhoven C, Theuns J, Aasly J, Annesi G, Bentivoglio AR, Brice A, Djarmati A, Elbaz A, Farrer M, Ferrarese C, Gibson JM, Hadjigeorgiou GM, Hattori N, Ioannidis JP, Jasinska-Myga B, Klein C, Lambert JC, Lesage S, Lin JJ, Lynch T, Mellick GD, de Nigris F, Opala G, Prigione A, Quattrone A, Ross OA, Satake W, Silburn PA, Tan EK, Toda T, Tomiyama H, Wirdefeldt K, Wszolek Z, Xiromerisiou G, Maraganore DM; for the Genetic Epidemiology of Parkinson's disease consortium. A large-scale genetic association study to evaluate the contribution of Omi/HtrA2 (PARK13) to Parkinson's disease. **Neurobiology of Aging** 2009 Dec 23. [Epub ahead of print]
420. Katritsis DG, Siontis GC, Ioannidis JPA. Double versus single stenting for coronary bifurcation lesions: a meta-analysis. **Circulation Cardiovascular Interventions** 2009, 2:409-15.
421. Kerkhof HJM, Lories RJ, Meulenbelt I, Jonsdottir I, Valdes AM, Arp P, Ingvarsson T, Jhamai M, Jonsson H, Stolk L, Thorleifsson G, Zhai G, Zhang F, Zhu Y, van der Breggen R, Carr A, Doherty M, Doherty S, Felson DT, Gonzalez A, Halldorsson BV, Hart DJ, Hauksdottir VB, Hofman A, Ioannidis JPA, Kloppenburg M, Lane NE, Loughlin J, Luyten FP, Nevitt MC, Parimi N, Pols HAP, van de Putte T, Rivadeneira F, Slagboom EP, Styrkársdóttir U, Tsezou A, Zmuda J, Spector TD, Stefansson K, Uitterlinden AG, van Meurs JB. A genome-wide association study identifies a locus on chromosome 7q22 to influence susceptibility for osteoarthritis. **Arthritis and Rheumatism** 2010, 62:499-510.
422. Dolan SM, Hollegaard MV, Merialdi M, Betran AP, Allen T, Abelow C, Nace J, Lin BK, Khoury MJ, Ioannidis JPA, Bagade S, Zheng X, Dubin RA, Bertram L, Velez DR, Menon R. Synopsis of preterm birth genetic association studies: the preterm birth genetics knowledge base (PTBGene). **Public Health Genomics** (in press).
423. Ioannidis JPA, Castaldi P, Evangelou E. A compendium of genome-wide associations for cancer: critical synopsis and reappraisal. **Journal of the National Cancer Institute** 2010, 102:846-58. Accompanied by editorial in the same issue.
424. Colditz GA, Boffetta P, Marantz PR, Sneeman BO, Liang AP, Wiseman MJ, Picciano MF, Livesey G, Krist-Eberthson PM, Ioannidis JPA, Russell RM. Decision-making for recommendations and communication based on totality of food-related research: extended abstracts from an ILSI North America-sponsored workshop. **Critical Reviews in Food Science and Nutrition** (in press).
425. The Tobacco and Genetics Consortium, Furberg H, Kim Y, Dackor J, Boerwinkle E, Franceschini N, Ardissino D, Bernardinelli L, Mannucci PM, Mauri F, Merlini PA, Absber D, Assimes TL, Fortmann SP, Iribarren C, Knowles JW, Quertermous T, Ferrucci L, Tanaka T, Bis JC, Furberg CD, Haritunians T, McKnight B, Psaty BM, Taylor KD, Thacker EL, Almgren P, Groop L, Ladenvall C, Boehnke M, Jackson AU, Mohlke KL, Stringham HM,

- Tuomilehto J, Benjamin EJ, Hwang SJ, Levy D, Preis SR, Vasan RS, Duan J, Gejman PV, Levinson DF, Sanders AR, Shi J, Lips EH, McKay JD, Agudo A, Barzan L, Bencko V, Benhamou S, Castellsagué X, Canova C, Conway DI, Fabianova E, Foretova L, Janout V, Healy CM, Holcátová I, Kjaerheim K, Lagiou P, Lissowska J, Lowry R, Macfarlane TV, Mates D, Richiardi L, Rudnai P, Szeżenia-Dabrowska N, Zaridze D, Znaor A, Lathrop M, Brennan P, Bandinelli S, Frayling TM, Guralnik JM, Milaneschi Y, Perry JR, Altsbuler D, Elosua R, Kathiresan S, Lucas G, Melander O, O'Donnell CJ, Salomaa V, Schwartz SM, Voight BF, Penninx BW, Smit JH, Vogelzang N, Boomsma DI, de Geus EJ, Vink JM, Willemsen G, Chanock SJ, Gu F, Hankinson SE, Hunter DJ, Hofman A, Tiemeier H, Uitterlinden AG, van Duijn CM, Walter S, Chasman DI, Everett BM, Paré G, Ridker PM, Li MD, Maes HH, Audrain-McGovern J, Posthuma D, Thornton LM, Lerman C, Kaprio J, Rose JE, [Ioannidis JPA](#), Kraft P, Lin DY, Sullivan PF. Genome-wide meta-analyses identify multiple loci associated with smoking behavior. **Nature Genetics** 2010, 42:441-7.
426. Stergiou GS, Siontis KC, [Ioannidis JPA](#). Home blood pressure as a cardiovascular outcome predictor. It's time to take this method seriously. **Hypertension** 2010, 55:1301-3 (commentary).
427. [Ioannidis JPA](#), Tzoulaki I. What makes a good predictor? **JAMA** 2010, 303:1646-7 (commentary).
428. Tatsioni A, Siontis GCM, [Ioannidis JPA](#). Partisan perspectives in the medical literature: A study of high frequency editorialists favoring hormone replacement therapy. **Journal of General Internal Medicine** 2010, 25:914-9. Accompanied by editorial in the same issue.
429. Khoury MJ, Gwinn M, [Ioannidis JPA](#). The emergence of translational epidemiology: from scientific discovery to population health impact. **American Journal of Epidemiology** 2010, 172:517-24. Accompanied by commentary and response to the commentary in the same issue.
430. Contopoulos-Ioannidis DG, Baltogianni MS, [Ioannidis JPA](#). Comparative effectiveness of medical interventions in adults versus children. **Journal of Pediatrics** 2010, 127:322-30.
431. [Ioannidis JPA](#), Tatsioni A, Karassa FB. Who is afraid of reviewers' comments? Or, why anything can be published and anything can be cited. **European Journal of Clinical Investigation** 2010, 40:285-7 (editorial).
432. Salanti G, Ades AE, [Ioannidis JPA](#). Graphical methods and numerical summaries for presenting results from multiple-treatments. **Journal of Clinical Epidemiology** (in press).
433. [Ioannidis JPA](#). Expectations, validity, and reality in -omics. **Journal of Clinical Epidemiology** 2010, 63:945-9. Accompanied by editorial in the same issue.
434. Elliott KS, Zeggini E, McCarthy MI, Gudmundsson J, Sulem P, Stacey SN, Thorlacius S, Amundadottir L, Grönberg H, Xu J, Gaborieau V, Eeles RA, Neal DE, Donovan JL, Hamdy FC, Muir K, Hwang SJ, Spitz MR, Zanke B, Carvajal-Carmona L, Brown KM; Australian Melanoma Family Study Investigators, Hayward NK, Macgregor S, Tomlinson IP, Lemire M, Amos CI, Murabito JM, Isaacs WB, Easton DF, Brennan P; PanScan Consortium, Barkardottir RB, Gudbjartsson DF, Rafnar T, Hunter DJ, Chanock SJ, Stefansson K, [Ioannidis JP](#). Evaluation of association of HNF1B variants with diverse cancers: collaborative analysis of data from 19 genome-wide association studies. **PLoS One** 2010, 5:e10858.
435. Siontis GC, Patsopoulos NA, Vlahos AP, [Ioannidis JP](#). Selection and presentation of imaging figures in the medical literature. **PLoS One** 2010, 5:e10888.
436. [Ioannidis JPA](#), Tatsioni A, Karassa FB. Published articles should not be dead and buried: introducing research updates. **European Journal of Clinical Investigation** 2010, 40:767-9 (commentary).
437. Castaldi P, Dehabreh I, [Ioannidis JPA](#). An empirical evaluation of validation practices for molecular classifiers. **Briefings in Bioinformatics** (invited).
438. Valdes AM, Evangelou E, Kerkhof HJM, Tamm A, Doherty SA, Kissand K, Tamm A, Kerna I, Uitterlinden A, Hofman A, Rivadeneira F, Cooper C, Dennison EM, Zhang W, Muir KR, [Ioannidis JPA](#), Wheeler M, Maciewicz RA, van Meurs JB, Arden NK, Doherty M, Spector TD. The GDF5 rs143383 polymorphism is associated with osteoarthritis of the knee with genomewide statistical significance. **Annals of the Rheumatic Diseases** (in press).
439. Panagiotou OA, Evangelou E, [Ioannidis JPA](#). Genome-wide significant associations for variants with minor allele frequency $\leq 5\%$: an overview. **American Journal of Epidemiology** (in press).

440. Jin H, Evangelou E, [Ioannidis JPA](#), Ralston SH. Polymorphisms in the 5' flank of COL1A1 gene and osteoporosis: meta-analysis of published studies. **Osteoporosis International** (in press).
441. Kent DM, Rothwell PM, [Ioannidis JPA](#), Altman DG, Hayward RA. Assessing and reporting heterogeneity in treatment effects in clinical trials: A proposal. **Trials** 2010, 11:85.
442. [Ioannidis JPA](#), Karassa FB. Agenda-wide issues in systematic reviews and meta-analyses: breadth, timing, and depth of the evidence. **BMJ** (in press).
443. Bertsias GK, [Ioannidis JPA](#), Aringer M, Bollen E, Bombardieri S, Bruce IN, Cervera R, Dalakas M, Doria A, Hanly JG, Huijzinga TWJ, Isenberg D, Kallenberg c, Piette JC, Schneider M, Scolding N, Smolen J, Stara A, Tassioulas I, Tektonidou M, Tincani A, van Buchem MA, van Vollenhoven R, Ward M, Gordon C, Boumpas DT. EULAR Recommendations for the Management of Systemic Lupus Erythematosus (SLE) with Neuropsychiatric Manifestations. Report of a Task Force of the EULAR Standing Committee for Clinical Affairs (ESCCA). **Annals of the Rheumatic Diseases** (in press).
444. [Ioannidis JPA](#). Is there a glass ceiling for highly-cited scientists at the top of research universities? **FASEB Journal** (in press).
445. Katritsis DG, Siontis GCM, Kastrati A, van't Hof AWJ, Neumann FJ, Siontis KCM, [Ioannidis JPA](#). Optimal timing of coronary angiography and potential intervention in non-ST-elevation acute coronary syndromes. **European Heart Journal** (in press). Accompanied by editorial in the same issue.
446. Mischak H, Allmaier G, Apweiler R, Attwood T, Baumann M, Benigni A, Bennett SE, Bischoff R, Bongcam-Rudloff E, Capasso G, Coon JJ, D'Haese P, Dominiczak AF, Dakna M, Dibazi H, Ebrich JH, Fernandez-Llama P, Fliser D, Frokjaer J, Garin J, Girolami M, Hancock WS, Haubitz M, Hochstrasser D, Holman R, [Ioannidis JPA](#), Jankowski J, Julian BA, Klein JB, Kolch W, Luider T, Massy Z, Mattes WB, Molina F, Monsarrat B, Novak J, Peter K, Rossing P, Sánchez-Carbayo M, Schanstra JP, Semmes OJ, Spasovski G, Theodorescu D, Thongboonkerd V, Vanholder R, Veenstra T, Weissinger E, Yamamoto T, Vlabou A. Recommendations for biomarker identification and classifier qualification in clinical proteomics. **Science Translational Medicine** 2010, 2:46ps42.
447. [Ioannidis JPA](#), Belbasis L, Evangelou E. Fifty year fate and impact of general medical journals. **PLoS ONE** 2010, 5:e12531.
448. Langevin SM, [Ioannidis JPA](#), Vineis P, Taioli E. Assessment of cumulative evidence for the association between glutathione S-transferase polymorphisms and lung cancer: application of the Venice interim guidelines. **Pharmacogenetics and Genomics** 2010, 20:586-97.
449. Salanti G, Dias S, Welton NJ, Ades A, Gølfinoopoulos V, Kyrgiou M, Mauri D, [Ioannidis JPA](#). Evaluating novel agent effects in multiple-treatments meta-regression. **Statistics in Medicine** 2010, 29:2369-83.
450. [Ioannidis JPA](#). A roadmap for successful applications of clinical proteomics. **Proteomics Clinical applications** (invited).
451. [Ioannidis JPA](#). Meta-research: the art of getting it wrong. **Research Synthesis Methods** (invited).
452. Sigoumas DE, Tatsioni A, Christodoulou DK, Tsianos EV, [Ioannidis JPA](#). New prognostic markers for outcome of acute pancreatitis: overview of reporting in 184 studies. **Pancreas** (in press).
453. Pereira TV, Patsopoulos NA, Salanti G, [Ioannidis JPA](#). Critical interpretation of Cochran's Q test depends on power and prior assumptions about heterogeneity. **Research Synthesis Methods** (in press).
454. van Assen S, Agmon-Levin N, Elkayam O, Cervera R, Doran MF, Dongados M, Emery P, Geborek P, [Ioannidis JPA](#), Jayne DRW, Kallenberg CGM, Müller-Ladner U, Shoenfeld Y, Stojanovich L, Valesini G, Wulfraat NM, Bijl M. EULAR recommendations for vaccination in adult patients with auto-immune inflammatory rheumatic diseases (AIIRD). **Annals of the Rheumatic Diseases** (in press).
455. [Ioannidis JPA](#), Siontis GCM. Fruit and vegetable intake and overall cancer risk in the European Prospective Investigation into Cancer and Nutrition (EPIC) JNCI letter on fruit and vegetables. *Journal of the National Cancer Institute* (letter; in press).
456. Elbaz A, Ross OA, [Ioannidis JPA](#), Soto-Ortolaza AI, Moisan F, Aasly J, Annesi G, Bozi M, Brighina L, Chartier-Harlin M-C, Destée A, Ferrarese C, Ferraris A, Gibson JM, Gispert S, Hadjigeorgiou GM, Jasinska-Myga B, Klein C, Kruger R, Lambert J-C, Lohmann K, van de Loo S, Lorient M-A, Lynch T, Mellick G, Mutez E,

Nilsson C, Opala G, Puschmann A, Quattrone A, Sharma M, Silburn PA, Stefanis L, Uitti RJ, Valente EM, Vilarinho-Güell C, Wirdefeldt K, Wszolek ZK, Xiromerisou G, Maraganore DM, Farrer MJ on behalf of the Genetic Epidemiology Of Parkinson's Disease (GEO-PD) consortium. Independent and joint effects of the MAPT and SNCA genes in Parkinson's disease. **Annals of Neurology** (in press).

457. Bonitsis NG, Tatsioni A, Bassioukas K, Ioannidis JPA. Allergens responsible for allergic contact dermatitis among children: A systematic review and meta-analysis. **Contact Dermatitis** (in press).

458. Kitsios GD, Tangri N, Castaldi PJ, Ioannidis JPA. Laboratory mouse models for the human genome-wide associations. **PLoS ONE** (in press).

459. Savović J, Harris RJ, Wood L, Beynon R, Altman D, Als-Nielsen B, Balk EM, Deeks J, Gluud LL, Gluud C, Ioannidis JPA, Jóni P, Mober D, Pildal J, Schulz KF, Sterne JAC. Development of a combined database for meta-epidemiological research. **Research Synthesis Methods** (in press).

Authorship position analysis

Among these 459 articles, I am the single author in 50 articles, the first (among two or more authors) in another 113 articles, the last author in 178 articles, and an author in other positions in 118 articles. I am the single/first/last author in 75% of the articles I have published (341/459). Among the 118 articles where I am not single/first/author, I am the second author in 35 of them, while many others are international collaborations where I am one of the several senior authors.

LISTED CONTRIBUTOR IN OTHER PUBLICATIONS OF MULTICENTER RANDOMIZED CONTROLLED TRIALS OR GUIDELINES/STATEMENTS WITH MODIFIED GROUP

AUTHORSHIP (not simply acknowledgment):

460. Hammer SM, et al, AIDS Clinical Trials Group 320 study Team (including Ioannidis JP). A controlled trial of two nucleoside analogues plus indinavir in persons with human immunodeficiency virus infection and CD4 cell counts of 200 per cubic millimeter or less. **New England Journal of Medicine** 1997, 337:725-33. Accompanied by editorial.

461. Gulick RM, et al, AIDS Clinical Trials Group protocol 373 (including Ioannidis JP). Indinavir, nevirapine, stavudine, and lamivudine for human immunodeficiency virus-infected, amprenavir-experienced subjects. **Journal of Infectious Diseases** 2001, 183:715-21.

462-471. von Elm E, Altman DG, Egger M, Pocock SJ, Gøtzsche PC, Vandenbroucke JP; STROBE initiative (including Ioannidis JP). The Strengthening the Reporting of Observational Studies in Epidemiology [STROBE] statement: guidelines for reporting observational studies. Published in multiple journals: **J Clin Epidemiol.** 2008 Apr;61(4):344-9. **Lancet.** 2007 Oct 20;370(9596):1453-7.

Epidemiology. 2007 Nov;18(6):800-4. **Bull World Health Organ.** 2007 Nov;85(11):867-72. **Prev Med.** 2007 Oct;45(4):247-51. **BMJ.** 2007 Oct 20;335(7624):806-8. **PLoS Med.** 2007 Oct 16;4(10):e296. **Ann Intern Med.** 2007 Oct 16;147(8):573-7. **Gac Sanit.** 2008 Mar-Apr;22(2):144-50. **Rev Esp Salud Publica** 2008, 82:251-9. Many of these have also been accompanied by editorials.

472-479. Moher D, Liberati A, Terzloff JM, Altman DG, and the PRISMA Group (including Ioannidis JPA). Preferred Reporting Items for Systematic Reviews and Meta-Analyses: the PRISMA Statement. Concurrent publication in **PLoS Medicine** 2009, 6:e1000097. **Annals of Internal Medicine** 2009, 151:264-9, W64. **BMJ** 2009, 339:b2535. **Open Medicine** (in press). **Journal of Clinical Epidemiology** 2009, 62:1006-12. **Zhong Xi Yi Jie He Xue Bao** 2009, 7:889-96. **Physical Therapy** 2009, 89:873-80. **International Journal of Surgery** 2010, 8:336-41.

LETTERS (COMMENTS/REPLY) PUBLICATIONS IN INTERNATIONAL JOURNALS:

1. Barza M, Ioannidis J, Lau J. Single or multiple daily doses of aminoglycosides. **BMJ** 1996;313:490-1. (Other letter authors: Campbell H, Cooke RPD, Grace RJ, Gover PA, Begg EJ, Dufull SB, Kirkpatrick CM).
2. Ioannidis JPA, De Ferranti SD, Barza M, Lau J. Antibiotics for acute sinusitis in general practice. **BMJ** 1999;318:1623-4. (Other letter authors: Browning GG).

3. Ioannidis JPA, Cappelleri JC, Lau J. Comparing results from meta-analyses vs large trials. **JAMA** 1998;280:518-9. (Other letter authors: LeLorier J, Gregoire G).
4. Ioannidis JPA. Time lag bias in publishing clinical trials. **JAMA** 1998;279:1952-3. (Other letter authors: Clarke M, Stewart L, Arida AU, Jadad AR, Rennie D).
5. Lau J, Ioannidis JPA, Schmid CH. Meta-analyses, multivariate analyses, and coping with the play of chance. **Lancet** 1998;351:1062-3. (Other letter authors: Clarke M, Chalmers I).
6. Cappelleri JC, Ioannidis JPA, Schmid CH, Lau J. Large trials vs. meta-analysis of smaller trials. **JAMA** 1997;277:376-8. (Other letter authors: Klebanoff MA, Levine RAJ, DerSimonian R, Johnson BT, Carey MP, Muellerleile PA).
7. Ioannidis JPA, Lau J, Sacks HS. Zidovudine in patients with HIV infection. **Ann Intern Med** 1996;124:371-3. (Other letter authors: Bucher HC, Griffith L, Costagliola D, Mary-Krause M).
8. Ioannidis JPA, Lau J. Safety reporting in randomised trials. **JAMA** 2001;285:2076-8 (Other letter authors: Calis KA, Daniels CE, Colebunders R, De Roo A, Schrooten W, Kohl KS, Bonhoeffer J, Naidig JL, Koletar SL).
9. Ioannidis JPA, Contopoulos-Ioannidis DG, Lau J. Using meta-analysis to answer clinical questions. **JAMA** 2001;286:2669-70 (Other authors: Laheij RJF, Theodoropoulos DS, Theodoropoulos GA, Pecorano DL).
10. Contopoulos-Ioannidis DG, Ioannidis JPA, Lau J. Azithromycin is effective in patients with chronic bronchitis-Reply. **Journal of Antimicrobial Chemotherapy** 2002, 50:433-4. (Other letter authors: Kopjar B).
11. Balk E, Bonis P, Lau J, Ioannidis JP. Allocation concealment in clinical trials. **JAMA** 2002, 288:2406-9 (Other letter authors: Schulz KF, Altman DG, Moher D, Juni P, Egger M).
12. Gouva C, Nikolopoulos P, Ioannidis JP, Siamopoulos KC. Reply from the authors. **Kidney International** 2005, 67:779-80.
13. Contopoulos-Ioannidis DG, Ioannidis JPA. Extended-interval aminoglycosides in children: more guidance is needed: reply. **Pediatrics** 2005, 115:827-8.
14. Trikalinos TA, Panidou ET, Ioannidis JP. Reply to Badri et al. on 'Limited benefit of antiretroviral resistance testing in treatment-experienced patients: a meta-analysis'. **AIDS** 2005;19:1336-7.
15. Mauri D, Pavlidis N, Ioannidis JPA. Re: Neoadjuvant versus adjuvant systemic treatment in breast cancer: a meta-analysis. **Journal of the National Cancer Institute** 2005, 97:858-9.
16. Contopoulos-Ioannidis DG, Ioannidis JPA. Reply. **Journal of Allergy and Clinical Immunology** 2006, 117:222-3.
17. Ioannidis JPA. Contradictions in highly cited clinical research. **JAMA** 2005, 294:2696.
18. Ioannidis JP. Truth, probability and frameworks. **PLoS Medicine** 2005, 2(11):e398.
19. Ioannidis JPA, Papanikolaou P. Not so surprising findings – response. **CMAJ** 2006, 175:172.
20. Ioannidis JP, Mauri D, Polyzos N, Pavlidis N. **Journal of the National Cancer Institute** 2007, 99:76-7.
21. Ioannidis JPA, Katritsis D. Reply to letter on: Revisiting the role of percutaneous revascularization versus medical therapy for later infarct-related artery occlusion. **American Heart Journal** 2008, 155:e43.
22. Lill CM, Schjeide BM, Roehr JT, Zauft U, Allen NC, Zipp F, McQueen MB, Kavvoura FK, Ioannidis JP, Khoury MJ, Tanzi RE, Bertram L. Correspondence to Sand et Al. "Critical reappraisal of a catechol-o-methyltransferase transversion variant in schizophrenia". **Biological Psychiatry** 2010, 67:e45-8.
23. Salanti G, Zeggini E, Ioannidis JPA. Three authors reply. **American Journal of Epidemiology** 2010 reply to comment on Am J Epidemiol. 2009 Sep 1;170(5):537-45.
24. Tzoulaki I, Ioannidis JP. Assessing predictive performance beyond the Framingham risk score. **JAMA** 2010, 303:1369.
25. Khoury MJ, Gwinn M, Ioannidis JPA. The authors reply. **American Journal of Epidemiology** (in

press).

BOOK REVIEWS

1. Ioannidis JP. A welcome to medical error and harm. **Lancet** (in press).

BOOKS, CHAPTERS AND MONOGRAPHS:

1. Lau J, Ioannidis JPA, Schmid CH. "Quantitative Synthesis". In: Systematic Reviews. Synthesis of Best Evidence for Health Care Decisions. C. Mulrow and D. Cook, Eds. American College of Physicians, Philadelphia, 1998. pp. 91-102.
2. Ioannidis JPA and Lau J. "Evidence-Based Medicine: A quantitative approach to decision making" In : Decision Making in Health Care: Theory, Psychology, and Applications. G.B. Chapman and F.A. Sonnenberg, Eds. Cambridge University Press, 2000. pp. 110-44.
3. Cappelleri J, Ioannidis JPA, Lau J. "Meta-analysis of Therapeutic Trials" In: Encyclopedia of Biopharmaceutical Statistics. S-C. Chow, Ed. Marcel Dekker, 2000.
4. Cappelleri J, Ioannidis JPA, Lau J. "Meta-analysis of Therapeutic Trials" In: Encyclopedia of Biopharmaceutical Statistics. S-C. Chow, Ed. Marcel Dekker, 2nd edition, 2002 [new expanded version].
5. Ioannidis JPA, Schmid CH, Lau J. "Meta-analysis approaches for epidemiologic research on asbestos". In: Sourcebook on Asbestos Diseases, vol 18, Lexis/Reed Elsevier, 1998.
6. Ioannidis JPA, Barza M, Lau J. Management of acute sinusitis. PIER module. American College of Physicians, Philadelphia, 2000.
7. Ioannidis JPA. Principles of evidence-based medicine (in Greek), pp. 334+xvi, Athens, 2000.
8. Ioannidis JPA, Phillips A, Johnston M, Wilkinson D. "Opportunistic Infections and HIV." In: Clinical Evidence. BMJ Publishing Group, 2000 (issue 4) and 2001 (issue 5).
9. Ioannidis JPA, Wilkinson D. "Opportunistic Infections and HIV." In: Clinical Evidence. BMJ Publishing Group, 2001 (issue 6). [new expanded version]
10. Ioannidis JPA, Wilkinson D. "Opportunistic Infections and HIV." In: Clinical Evidence. BMJ Publishing Group, June 2002 (issue 7). [new expanded version]
11. Ioannidis JPA, Wilkinson D. "Opportunistic Infections and HIV". In: Clinical Evidence-Concise Version. BMJ Publishing Group, December 2002 (issues 8, 9 and 10). [new revised version]
12. Lau J, Ioannidis JPA, et al for the New England Medical Center Evidence-based Practice Center. Evaluation of technologies for identifying acute cardiac ischemia in emergency departments. Rockville, MD: Agency for Healthcare Services and Research, 2000.
13. Goudas L, Carr DB, Block R, Balk E, Ioannidis JPA, Terrin N, Goudas M, Chew P, Lau J. Management of Cancer Pain. Evidence Report/Technology Assessment. Rockville, MD: Agency for Healthcare Research and Quality, 2001.
14. Lau J, Ioannidis JPA, Wald ER. Diagnosis and treatment of uncomplicated acute sinusitis in children. Evidence report/technology assessment no. 9, supplement. Agency for Healthcare Research and Quality publication. Rockville, MD: Agency for Healthcare Research and Quality, 2000.
15. Ioannidis JPA. Evidence-based approach to infertility, In: Infertility (in Greek), Athens 2001.
16. Ioannidis JPA, Lau J. Integrating genetics in clinical trials. In: Khoury M, Little J (eds): Human Genome Epidemiology, 2003, Oxford University Press.
17. Ioannidis JPA. Presentation and dissemination of clinical trials in the medical literature. In: Japour A (ed): Where ethics meet clinical trials: the AIDS paradigm.
18. Trikalinos T, Ioannidis JPA. Assessing the evolution of effect sizes over time. In: Rothstein HR, Sutton AJ, Borestein M, eds. Publication bias in meta-analysis—prevention, assessment and adjustments. Wiley, Chichester (2005).
19. Ioannidis JPA. Differentiating bias from heterogeneity. In: Rothstein HR, Sutton AJ, Borestein M, eds. Publication bias in meta-analysis—prevention, assessment and adjustments. Wiley, Chichester

- (2005).
20. Associate Editor for «Encyclopedia of Clinical Trials», John Wiley and Sons (in preparation).
 21. Ioannidis JPA. Preface to Greek translation of Health 21/WHO, Athens 2003.
 22. Karassa FB, Ioannidis JPA. Influenza and vaccination. In: Gibson R, ed. Evidence-Based Respiratory Medicine, BMJ Publishing Group 2005.
 23. Ioannidis JPA, Lau J. Science for Judges: Reviewing medical evidence. Journal of Policy and Law, Fall 2004.
 24. International Campaign to Revitalise Academic Medicine (including Ioannidis JPA). The future of academic medicine: five scenarios to 2025. New York: Milbank Memorial Fund.
 25. Ioannidis J, Wilkinson D. HIV: prevention of opportunistic infections. Clin Evid. 2005 Jun;(13):834-53 (updated version).
 26. Lacchetti C, Ioannidis J, Guyatt G. Surprising results of randomized trials. In: User's Guide to the Medical Literature: A manual for evidence-based clinical practice. McGraw Hill and AMA, 2008.
 27. Levine M, Ioannidis J, Haines T, Guyatt G. Harm (observational studies). In: User's Guide to the Medical Literature: A manual for evidence-based clinical practice. McGraw Hill and AMA, 2008.
 28. Montori V, Ioannidis J, Oxman A, Cook D, Guyatt G. Summarizing the evidence: fixed-effects and random-effects models. In: User's Guide to the Medical Literature: A manual for evidence-based clinical practice. McGraw Hill and AMA, 2008.
 29. Guyatt G, Straus S, Meade MO, Kunz R, Cook DJ, Devereaux PJ, Ioannidis J. Therapy (randomized trials). In: User's Guide to the Medical Literature: A manual for evidence-based clinical practice. McGraw Hill and AMA, 2008.
 30. Montori V, Hatala R, Ioannidis J, Meade MO, Wyer P, Guyatt G. Making sense of variability in study results. In: User's Guide to the Medical Literature: A manual for evidence-based clinical practice. McGraw Hill and AMA, 2008.
 31. Guyatt G, Wyer P, Ioannidis J. Summarizing the evidence: when to believe a subgroup analysis. In: User's Guide to the Medical Literature: A manual for evidence-based clinical practice. McGraw Hill and AMA, 2008.
 32. Montori V, Ioannidis J, Guyatt G. Reporting bias. In: User's Guide to the Medical Literature: A manual for evidence-based clinical practice. McGraw Hill and AMA, 2008.
 33. Montori V, Ioannidis J, Jaeschke R, Schunemann H, Bhandari M, Devereaux PJ, Guyatt G. Dealing with misleading presentations of clinical trial results. In: User's Guide to the Medical Literature: A manual for evidence-based clinical practice. McGraw Hill and AMA, 2008.
 34. Trikalinos TA, Salanti G, Zintzaras E, Ioannidis JP. Meta-analysis methods. In: Genetic Dissection of Complex Traits, DC Rao, ed. 2nd edition.
 35. Tatsioni A, Ioannidis JP. Meta-analysis. In: Encyclopedia of public health, Elsevier, 2009.
 36. Salanti G, Ioannidis JP. Hardy-Weinberg equilibrium. In: Encyclopedia of evolution, Elsevier 2009.
 37. Ioannidis JPA. Validation and Confirmation of Associations. In: Molecular Epidemiology, Rebbeck, Ambrosone, Shields, eds., 2008.
 38. Human Genome Epidemiology: Building the evidence for using genetic information to improve health and prevent disease, 2nd edition. Editors: Muin Khoury, Sara Bedrosian, Marta Gwinn, Julian Higgins, John Ioannidis, Julian Little. Oxford University Press, 2010 (676 pages).
 39. Khoury MJ, Bedrosian SR, Gwinn ML, Higgins JPT, Ioannidis JPA, Little J. Human genome epidemiology: The road map revisited. In: Human Genome Epidemiology: Building the evidence for using genetic information to improve health and prevent disease, 2nd edition. Editors: Muin Khoury, Sara Bedrosian, Marta Gwinn, Julian Higgins, John Ioannidis, Julian Little. Oxford University Press, 2010.
 40. Daniela Seminara, Muin J. Khoury, Thomas R. O'Brien, Teri Manolio, Marta L. Gwinn, Julian Little, Julian P. T. Higgins, Jonine L. Bernstein, Paolo Boffetta, Melissa Bondy, Molly S. Bray, Paul E. Brenchley, Patricia A. Buf?er, Juan Pablo Casas, Anand P. Chokkalingam, John Danesh, George Davey

- Smith, Siobhan Dolan, Ross Duncan, Nelleke A. Gruis, Mia Hashibe, David Hunter, Marjo-Riitta Jarvelin, Beatrice Malmer, Demetrius M. Maraganore, Julia A. Newton-Bishop, Elio Riboli, Georgia Salanti, Emanuela Taioli, Nic Timpson, Andre G. Uitterlinden, Paolo Vineis, Nick Wareham, Deborah M. Winn, Ron Zimmern, and John P. A. Ioannidis. The emergence of networks in human genome epidemiology: Challenges and opportunities. In: Human Genome Epidemiology: Building the evidence for using genetic information to improve health and prevent disease, 2nd edition. Editors: Muin Khoury, Sara Bedrosian, Marta Gwinn, Julian Higgins, John Ioannidis, Julian Little. Oxford University Press, 2010.
41. Julian Little, Julian P.T. Higgins, John P.A. Ioannidis, David Moher, France Gagnon, Erik von Elm, Muin J. Khoury, Barbara Cohen, George Davey-Smith, Jeremy Grimshaw, Paul Scheet, Marta Gwinn, Robin E. Williamson, Guang Yong Zou, Kim Hutchings, Candice Y. Johnson, Valerie Tait, Miriam Wiens, Jean Golding, Cornelia van Duijn, John McLaughlin, Andrew Paterson, George Wells, Isabel Fortier, Matthew Freedman, Maja Zecevic, Richard King, Claire Infante-Rivard, Alex Stewart, and Nick Birkett. Strengthening the REporting of Genetic Association Studies (STREGA) - An extension of the STROBE statement. In: Human Genome Epidemiology: Building the evidence for using genetic information to improve health and prevent disease, 2nd edition. Editors: Muin Khoury, Sara Bedrosian, Marta Gwinn, Julian Higgins, John Ioannidis, Julian Little. Oxford University Press, 2010.
42. Ntzani EE, Khoury MJ, Ioannidis JPA. Combining molecular and genetic data from different sources. IARC textbook on molecular epidemiology (in press).
43. Looking behind the numbers. Interview at NEW SCIENTIST. 2008, 197:44-45
44. Papanikolaou P, Ioannidis JP. Assessment of harm. In: Randomized clinical trials of nonpharmacologic treatments (in press).
45. Ioannidis JPA. CONSORT extension for better reporting of harms. In: User's guide to reporting guidelines (in press).

ABSTRACTS IN INTERNATIONAL PEER-REVIEWED MEETINGS:

Over 150 abstracts (the majority as oral presentations)

ACADEMIC AWARDS AND HONORS

1983	Dolashik Prize.
1984	Valedictorian, class of 1984 - highest Athens College honor. Athens College Mathematics Award, John Vakis Award for Natural Sciences, Emmanuel Benakis Prize.
1984	Honorary scholarship, State Scholarship Foundation for top admission rank in the University of Athens, School of Medicine (UASM)
1984	First Prize of the National Mathematical Society annual national competition.
1984-90	Honorary annual scholarships, State Scholarship Foundation for being in the top 2 % of the class of 1990.
1990	Graduated summa cum laude at top rank (n. 1) from the School of Medicine.
1992, 1993	Annual Resident Awards, Department of Radiology, Deaconess Hospital.
1995	Maxwell Finland Young Investigator Award, Massachusetts Infectious Diseases Society.
2000	Giannatos Prize
2003	Ikkos Prize
2007	Award for Excellence in Clinical Science, European Society for Clinical Investigation (award ceremony and lecture in Uppsala, Sweden, April 2007)
2007	Thomas C. Chalmers award, Cochrane Collaboration (best presentation, presenting young researcher: Nikolaos Patsopoulos).
2009	Election (regular member), Association of American Physicians

MEDICAL BOARDS

<i>Licensing:</i>	ECFMG certificate 8/90. FLEX: Massachusetts, 6/91. Board of Registration in Medicine of Massachusetts (8/91). Board of Physician Quality Assurance of Maryland (10/96)
<i>Board-certification</i>	Internal Medicine (1993) and Infectious Disease (1996), American Board of Internal Medicine - Also board-certified in Internal Medicine (1995) and in Infectious Diseases (1997; re-certified 2001) in Greece.
<i>Current practice:</i>	In Europe I have provided for free consultation/second opinion for difficult cases in internal medicine, infectious diseases and AIDS, when requested, at the Ioannina University Hospital. I decline salary support for such activity and I do not have a private medical practice. My principle is that I have not accepted being paid for providing medical services or consultation since I finished my speciality training. I do not intend to practice medicine in the USA in my current Stanford appointment.

TEACHING EXPERIENCE (selectively)

1984-5	Gave seminars on advanced statistics and mathematics for medical students, organized in collaboration with faculty from the laboratories of anatomy and medical physics, University of Athens School of Medicine.
1987-9	Gave seminars on neurochemistry and neurobiology topics, organized in collaboration with faculty from the laboratory of experimental pharmacology, University of Ioannina School of Medicine
1990-3	Clinical fellow in Medicine, Harvard Medical School, preceptor for the Introduction to Clinical Diagnosis course; Harvard Medical School.
1993-6	Clinical and Research Fellow, New England Medical Center Hospitals, preceptor for the Introduction to Physical Diagnosis, Pharmacology (antibiotics), and Infectious Diseases courses, Tufts University School of Medicine.
1996	Preceptor, Intensive Course on Methods in Clinical Research, Johns Hopkins University School of Medicine.
1997	Preceptor, Advanced Meta-analysis course, Johns Hopkins University School of Hygiene and Public Health.
1997	Preceptor, Design and Analysis of Controlled Trials and Evidence-based Medicine, National Institute of Arthritis and Musculoskeletal and Skin Diseases, National Institutes of Health.
1999-cont	Director of faculty and preceptor for the courses Evidence-Based Medicine/Epidemiology/Clinical research Methods/Public Health I (5 th semester) and Evidence-based medicine/Epidemiology/Clinical Research methods/Public Health II (6 th semester), University of Ioannina School of Medicine
2000-cont	Director of faculty and preceptor for the Biomathematics and Biostatistics course (1 st semester), University of Ioannina School of Medicine
1999-2006	Preceptor, Medical Oncology course, (7 th semester), University of Ioannina School of Medicine
1999, 2000	Preceptor, Statistical Methods in Medical Research course, MSc in Biostatistics, University of Athens and University of Ioannina.
2000	Preceptor, Meta-analysis course, MSc in Biostatistics, University of Athens and University of Ioannina
2000-cont	Responsible for the training for 1 month of all General Medicine residents during their training at the University Hospital and General Hospital of Ioannina; several residents from other area hospitals also come for training.

2001-cont	Preceptor, “Desing of clinical research”, “Appraisal of Therapeutic Interventions”, “Causality and bias in clinical research”, MSc in Social Psychiatry, U Ioannina
2003	Preceptor, Genetic Epidemiology course, Sackler postgraduate program, Tufts University
2005	Preceptor, Evidence-Based Oncology course, European School of Oncology course, Bonn, Germany, 7/2005
2006	Preceptor and invited speaker, Clinical Studies and Objective Medicine course, Bodrum, Turkey, 4/2006
2006	Preceptor and invited speaker, European School of Genetic Medicine, 2nd Course in Statistical Genetic Analysis of Complex Phenotypes: Focus on Association Studies, Bertinoro di Romagna, Italy, 5/2006.
2006-cont	Course director and preceptor, Molecular and Translational Epidemiology course, Sackler School of Graduate Biomedical Sciences, Tufts University, Boston, USA, 6/2006, 3/2009
2006	Preceptor and invited speaker, Integrating the Evidence on Gene-Disease Associations: Methods and applications of HuGE systematic reviews, MRC Biostatistics Unit, Cambridge, HuGE Net course, 9/2006
2007	Preceptor and invited speaker, NYU Post-Graduate Medical School Clinical Research Methodology Course: Randomized Clinical Trials and the Real World, Hospital for Joint Diseases, New York, NY, December 2007.
2008	Preceptor (Meta-analysis; Ubcertainty, Bayes, and decision making), Seminar of Epidemiology and Clinical Research Methods, Hellenic Society of Nephrology, 3/2008.
2008	Preceptor/invited speaker, Science and the Web course, Summer School organized at Mediterranean Institute for Life Sciences (MedILS), Split, Croatia, 7/26-8/2/2008
2008	Preceptor, Large-scale Multicenter Studies course, Erasmus Summer Programme in Quantitative Medical Research, Erasmus University Rotterdam and Nihes, Netherlands, 8/2008.
2008	Preceptor, PhD course on Clinical Epidemiology, University of Copenhagen, Denmark, courses on systematic reviews and meta-analysis, genome-wide association studies, and credibility of research findings, October 2008.
2008	Advanced course, Special topics in Epidemiology: Meta-analysis, Universita Cattolica del Sacro Cuore, Rome, November 17-21, 2008.
2010	Preceptor, Evidence Based Epidemiology, course EPI509, Harvard School of Public Health (January 2010)
2010	Organizer, ESCI Intensive Course on the Principles and Practice of Clinical Research, October 2010.

INVITED LECTURES:

I have given over 200 invited lectures in 28 countries (Greece, USA, Canada, Netherlands, Austria, Finland, England, Scotland, France, Ireland, Italy, Spain, Portugal, Hungary, Sweden, Germany, Switzerland, Czech Republic, Belgium, Cyprus, Turkey, South Africa, Botswana, Japan, Norway, Croatia, Denmark, Singapore)

Selected invited lectures in English:

1. Opening lecture: "Brain sciences, Pharmacology and the Greek Scientific Heritage", 2nd International Meeting of the European Behavioral Pharmacology Society, Athens, Greece, August 1988.
2. “Pathogenesis of HIV encephalopathy”, New England Deaconess Hospital, Boston, MA, USA, December 1992.

3. "Implications of heterogeneity for clinical trials, meta-analysis, and modeling", Department of Biomathematical Sciences, Mount Sinai School of Medicine, New York, USA, December 2005.
4. "Modeling heterogeneity in meta-analysis", Center for Clinical Trials, Johns Hopkins School of Medicine, Baltimore, MD, USA, September 1996.
5. "Impact of losses to follow-up in long-term trials", 22nd AIDS Clinical Trials Group meeting, Washington D.C., USA, December 1996.
6. "Modeling non-linear relationships with neural networks: immunogenetic associations of HIV disease progression"; Statistical Center, Multicenter AIDS Cohort Study (MACS), Johns Hopkins School of Hygiene and Public Health, Baltimore, MD, USA, February 1997.
7. "Overviewing overviews in HIV infection: potential and challenges", Cochrane HIV CRG meeting, San Francisco, CA, USA, March 1997.
8. "Presence of a threshold effect in RNA and CD4 measurements", ENAR meeting of the International Biometrics Society (HIV Surrogate Endpoints Workshop), Memphis, TN, USA, March 1997.
9. "Meta-analysis in infectious diseases"; HIV Clinic, NIH Clinical Center, Bethesda, MD, USA. April 1997.
10. "Heterogeneity in clinical trials and meta-analysis", Division of AIDS, National Institute of Allergy and Infectious Diseases, National Institutes of Health, Rockville, MD, USA, October 1997.
11. "Neural network modeling of progression to AIDS", Division of Cancer Epidemiology and Genetics, National Cancer Institute, National Institutes of Health, Rockville, MD, USA, October 1997.
12. "Meta-analysis - pooling data or drowning by numbers: a debate", Society for General Internal Medicine, Annual meeting. Participants: JPA Ioannidis, John Bailar (Prof. Emeritus, U Chicago/Statistical Editor New England Journal of Medicine), Neil Powe (Prof. of Medicine, Johns Hopkins U). Cicago, IL, USA, April 1998.
13. "Evidence-based medicine for infectious diseases", State of the Art Interdisciplinary Review Course, U Athens, Athens, Greece, May 1998.
14. "Differing perspectives: Is meta-analysis a reasonable alternative to large randomized trials?", debate session – debating participants: JPA Ioannidis and Carl Kupfer (Director, National Eye Institute, National Institutes of Health). International Cochrane Colloquium, Baltimore, MD, USA, October 1998.
15. "Prostate cancer: epidemiology and risk factors", Institute of Pathology, U Ioannina, Ioannina, Greece, October 1999.
16. "Neural networks in modeling complex immunologic associations", American Society of Tropical Medicine and Hygiene, Washington, D.C., USA, December 1999.
17. "Meta-epidemiology of research and evaluation research", 2nd Conference of the National School of Public Health (ESDY), Athens, Greece, February 2000.
18. "Epidemiology of salivary gland cancer", Institute of Pathology, U Ioannina, Ioannina, Greece, May 2000.
19. "Research projects for cumulative randomized evidence in mental health", EU-PSI meeting, Helsinki, Finland, September 2000.
20. "Meta-epidemiology of meta-analysis", European workshop on meta-analysis of epidemiologic studies, Santorini, Greece, October 2000.
21. "Epidemiology of lung cancer: evidence from meta-analyses", European School of Oncology, Nicosia, Cyprus, November 2000.
22. "Analytical issues in the meta-epidemiology of meta-analysis", Brown University School of Medicine, Department of Community Health and Center for Statistical Sciences, Providence, RI, USA, February 2001.
23. "Empirical methodological research with large-scale evidence", Division of Clinical Care Research, Department of Medicine, New England Medical Center, Boston, MA, USA, February 2001.
24. "Safety reporting in randomized trials", CONSORT meeting, Barcelona, Spain, September 2001.

25. "Evidence-based medicine and meta-epidemiology", Keynote lecture at opening ceremony of 7th Congress of the European Association of Hospital Pharmacists, Vienna, Austria, March 2002.
26. "Evolution of effects over time: recursive cumulative meta-analysis in randomized research and molecular medicine", Mathematical Sciences Research Institute, Berkeley, CA, USA, May 2002.
27. "Comparison of randomized vs. non-randomized studies", Mathematical Sciences Research Institute, Berkeley, CA, USA, May 2002.
28. "Meta-analysis in genetics", Tufts-New England Medical Center, Boston, MA, USA, May 2002.
29. "Critical meta-analysis of lupus nephritis treatment", 5th European Conference on SLE, Athens, Greece, May 2002.
30. "How to evaluate the outcome measures in a multisystemic and multidisciplinary disease", 5th European Conference on SLE, Athens, Greece, May 2002.
31. "Incorporating adverse events in systematic reviews", 4th Symposium on Systematic Reviews, St. Catherine's College, Oxford University, Oxford, UK, July 2002.
32. "Evolution of treatment effects for mental health interventions", EU-PSI meeting, Bristol, UK, September 2002.
33. "Appraisal of guidelines - AGREE dissemination in Greece", AGREE meeting, Paris, France, November 2002.
34. "Ethical issues in biomedical research", Workshop on perinatal HIV-1 transmission, Roundtable, Kasane, Botswana, January 2003.
35. "Meta-analysis of polygenes", 2nd Workshop on the Genetic of Bone Diseases, European Calcified Tissue Society, Davos, Switzerland, February 2003.
36. "Meta-analysis and evidence-based medicine in rheumatology", Marmaris, Turkey, May 2003.
37. "Safety reporting in randomized trials", CONSORT meeting, Ottawa, Canada, May 2003.
38. "Including adverse events in trial reports", Workshop on Rare Events, British Medical Journal and Cochrane Collaboration, London, UK, June 2003.
39. "Publication bias: new insights", Publication bias Workshop, Vail, CO, USA, August 2003.
40. "Problems and promises of genetic association studies", Genetics of Common Disorders, Academy of Athens, Institute for Medical and Biological Research, Athens, October 3, 2003.
41. "Large-scale evidence and meta-analysis in genetic epidemiology", Institute of Medical Sciences, Aberdeen, Scotland, January 23, 2004.
42. "Meta-analysis in human genetics", National Tumor Institute, Milan, Italy, March 29, 2004.
43. "Genetic epidemiology", 14th European Conference on Clinical Microbiology and Infectious Diseases, Prague, Czech Republic, May 2, 2004.
44. "Coreceptor mutations and HIV-1 disease progression", University of Regensburg, Germany, May 13, 2004.
45. "CONSORT guidelines for reporting of harms", LENT V Workshop, Rochester, NY, USA, May 20, 2004.
46. "Quantitating the effects of polygenes by meta-analysis", European Calcified Tissue Society, Nice, France, June 8, 2004.
47. "What does secondary research and meta-analyses tell us about effectiveness of mental health interventions?", Paulo Foundation Symposium 2004: Effectiveness Research in Psychiatry, Lahti, Finland, May 27, 2004.
48. "Using randomized evidence for understanding adverse events", Epidemiology Days WEON, University of Leiden, Leiden, Netherlands, June 11, 2004.
49. "The value of meta-analysis in rheumatology research", Autoimmune Rheumatic Disease Days, in honor of Prof. HM Moutsopoulos, Athens, June 24-26, 2004.
50. "Antiretroviral therapy: past, present and future", European Society for Clinical Microbiology and Infectious Diseases, Athens, Greece, June 26, 2004.
51. "Immunogenetics of mother-to-child transmission", Federation of Mediterranean Obstetrics and

- Gynecological Societies, Palermo, Italy, October 9, 2004.
52. "Reporting biases", Meta-analysis in genetic epidemiology workshop, Cambridge, UK, November 3, 2004.
 53. "Meta-analysis of individual participant data", Meta-analysis in genetic epidemiology workshop, Cambridge, UK, November 3, 2004.
 54. "Meta-analysis", SNP and human disease workshop, Erasmus Medical Center and University of Rotterdam, Rotterdam, Netherlands, November 2004
 55. "Integration bioinformatics: promises and challenges", First International Meeting on Pharmacogenetics of Osteoarticular Disorders", Florence, Italy, January 21-22, 2005.
 56. "Meta-analysis in molecular medicine", National Institute of Public Health / University of Tokyo, Tokyo, Japan, February 2005.
 57. "Meta-analysis in molecular medicine", University of Kyoto School of Public Health, Kyoto, Japan, February 2005.
 58. "Do pharmacogenetics and pharmacogenomics fulfill their promises?" Debate with Hugh E. Montgomery from University College London, plenary at the 10th meeting of the European Association of Hospital Pharmacists, Lisbon, Portugal, March 2005.
 59. "Meta-analysis in molecular medicine", Erasmus University Rotterdam, Department of Epidemiology and Biostatistics, Netherlands, April 4, 2005.
 60. "Quantitative issues and biases in molecular research", Department of Biological Chemistry, University of Ioannina School of Medicine, Ioannina, Greece, April 6, 2005.
 61. "Host genetics: methodology perspective for research in observational databases", Plenary presentation, 9th International Workshop on HIV Observational Databases, Budapest, Hungary, April 21-24, 2005.
 62. "Meta-analysis in human genome epidemiology with application in Parkinson's disease", Workshop on Advances in Molecular Genetics and Epidemiology of Parkinson's Disease, Pitie-Salpetriere Hospital, Paris, France, May 13, 2005.
 63. "Meta-analysis in genetics", Tele-presentation at Genetics of Prematurity Workshop, Office of Genomics and Disease Prevention, CDC, Atlanta, USA, May 23, 2005.
 64. "Translation and replication: empirical evidence", Plenary talk, Symposium on Translational Research for Innovative Infectious Disease Control, WHO, Geneva, Switzerland, May 30, 2005.
 65. "Common pitfalls in the reporting of systematic reviews", QUOROM meeting, Ottawa, Canada, June 1-3, 2005.
 66. "Molecular bias", Annual Graduation Plenary Lecture, Department of Epidemiology and Biostatistics, Erasmus University Rotterdam, Netherlands, June 22, 2005.
 67. "Using evidence at the bedside: generalizability, external validity and subgroup analysis", European School of Oncology, Evidence-Based Oncology, Bonn, Germany, July 2005.
 68. "Selected methodologic issues of evidence review", Plenary lecture, KDIGO guideline development on kidney disease and hepatitis C infection, Boston, USA, July 2005.
 69. "Candidate genes in endocrinology- pitfalls", plenary at European Congress of Endocrinology, Goteborg, Sweden, September 7, 2005.
 70. "Replication issues and large-scale evidence in pharmacogenomics", Joint Cold Spring Harbor Laboratory/Wellcome Trust Conference on Pharmacogenomics, Hinxton, Cambridge, UK, September 14-18, 2005.
 71. "Guideline development – procedures and instruments for appraisal", EULAR recommendations for SLE workshop, Zurich, Switzerland, Sept 30-Oct 1, 2005.
 72. "Bias in molecular epidemiology", Bradford Hill Seminar, Cambridge University, Cambridge, UK, October 2005.
 73. "A network of investigator networks in human genome epidemiology", Cambridge, UK, October 6-7, 2005.

74. "Is really HIV multi-drug resistance a marker of poor survival?", Workshop on HIV Multi-drug Resistance, Rome, Italy, October 14-15, 2005.
75. "Candidate genes and meta-analysis", Erasmus University Rotterdam, Netherlands, October 21, 2005.
76. "Ethics and integrity in scientific research", Erasmus University, Medical Faculty/Molecular Medicine Program, Rotterdam, Netherlands, October 2005.
77. "Meta-analysis in public health: potential and problems", plenary workshop, European Public Health Association annual conference, Graz, Austria, November 11, 2005.
78. "Association studies", CHAVI meeting, London, UK, December 16, 2005.
79. "Human Genome Epidemiology Roadmap: the Network of Networks", plenary lecture, ECNIS Workshop, Athens, Greece, January 11, 2006.
80. "Reporting of harms in non-pharmacological trials", CONSORT meeting, Paris, France, Feb 8-10, 2006.
81. "Evidence-based molecular medicine", Top 10 on infectious diseases, Henry Dunant Hospital, Athens, Greece, February 2006.
82. "Credibility, replication and translation of research findings", grand rounds, University of California Davis, Medical Center, Davis/Sacramento, USA 2/21/2006.
83. "Estimating the odds of truth in a research finding", plenary lecture, 6th International Campbell Colloquium, Los Angeles, USA, 2/23/2006 (discussants: Jeremy Grimshaw, William Shadish).
84. "Methodological problems in discovery-oriented research", Molecular Medicine Tri-conference, Moscone Center, San Francisco, USA, 2/24/2006.
85. "Meta-analysis", In: The Role of DNA Polymorphisms in complex Diseases", Colloquium organized by the Royal Dutch Academy of Arts and Sciences (KWAN), Trippenhuis, Amsterdam, Netherlands, 15/3/2006.
86. "Neo-adjuvant vs. adjuvant therapy: evidence from randomized trials", plenary at 5th European Breast Cancer Conference, Nice, France, 23/3/2006.
87. "Assessing the credibility of clinical research findings", grand rounds in Pediatrics, University Hospital, Ioannina, Greece, 29/3/2006.
88. "The significance of statistically significant findings", Debate, 14th national Conference on Clinical Oncology, Ioannina, Greece, April 2006.
89. "Meta-analysis", Clinical Studies and Objective Medicine course, Bodrum, Turkey, April 14-16, 2006.
90. "Reporting adverse events in randomized trials", Clinical Studies and Objective Medicine course, Bodrum, Turkey, April 14-16, 2006.
91. "Meta-analysis for association studies", in European School of Genetic Medicine, 2nd Course in Statistical Genetic Analysis of Complex Phenotypes: Focus on Association Studies, Bertinoro di Romagna, Italy, May 5, 2006.
92. "Testing lifestyle interventions in randomized clinical trials", LifeGENE workshop, Karolinska Institute, Sigtuna, Sweden, May 8-9, 2006.
93. "Estimating effects of risk alleles in populations using multicentre approaches and by meta analysis", plenary talk at Genetic Aspect of Bone Disease: methods and applications, Prague, Czech Republic, May 10, 2005.
94. "Why most published research findings should not be put into clinical practice", plenary talk, Society for Clinical Trials 27th Annual Meeting, Orlando, USA, May 24, 2006.
95. "Developing guidelines for genetic association research", EQUATOR workshop, Oxford, UK, May 31, 2006.
96. "Methodological problems and replication in discovery-oriented clinical research", Centro Nacional de Investigaciones Oncologicas, Genomics and Medicine lecture series, Madrid, Spain, June 13, 2006.
97. "Road map for efficient and reliable human genome epidemiology", STREGA workshop, Ottawa, Canada, June 15-16, 2006.
98. "Empirical evidence on reporting of genetic association studies", STREGA workshop, Ottawa,

- Canada, June 15-16, 2006.
99. “Inferences on causation on single studies”, STREGA workshop, Ottawa, Canada, June 15-16, 2006.
 100. “The use of meta-analyses on the safety of medications”, plenary talk, International Conference on Pharmacoepidemiology, International Society for Pharmacoepidemiology, Lisbon, Portugal, August 24, 2006.
 101. “Whole genome association study (LEAPS) replication findings”, 2nd annual meeting of Genetic Epidemiology in Parkinson disease, Santorini, Greece, September 10-12, 2006.
 102. “The Human Genome Epidemiology Network (HuGENet)”, 2nd annual meeting of Genetic Epidemiology in Parkinson disease, Santorini, Greece, September 10-12, 2006.
 103. “Meta-analysis in molecular epidemiology”, University of Alabama Birmingham School of Public Health, Department of Biostatistics, Division of Statistical Genetics, Birmingham, Alabama, USA, September 2006.
 104. “Why most published research findings are false”, Symposium on “Statistics, Images, and Perceptions of Truth: Detecting Research Bias and Misconduct”, University of Alabama Birmingham School of Philosophy and Center for Ethics and Office of Research Integrity, plenary, Birmingham, Alabama, USA, September 14-15, 2006.
 105. “Is molecular profiling ready for use in clinical decision making?”, plenary symposium, European Society for Medical Oncology, Instabul, Turkey, Sept 29-Oct 2, 2006.
 106. “Genetic epidemiology: where are we? Where we should go?”, closing plenary, Spanish Society of Epidemiology, Annual Conference, Logrono, Spain, October 6, 2006.
 107. “Nesting lifestyle randomized trials in biobanks”, Life GENE meeting, tele-presentation, Sigtuna, Sweden, October 2006.
 108. “The Human Genome Epidemiology Network: making sense of 10,000,000 postulated genetic risk factors”, Cochrane Colloquium, plenary, Dublin, Ireland, October 26, 2006.
 109. “HIV treatment: are we doing the right studies?”, plenary talk Austrian National AIDS annual conference, October 27-29, Innsbruck, Austria, October 27-29.
 110. “Literature-based vs individual participant data meta-analysis”, Integrating the Evidence on Gene-Disease Associations: Methods and applications of HuGE systematic reviews, MRC Biostatistics Unit, Cambridge, HuGE Net course, Cambridge, UK, November 6-8, 2006.
 111. “Reporting bias”, Integrating the Evidence on Gene-Disease Associations: Methods and applications of HuGE systematic reviews, MRC Biostatistics Unit, Cambridge, HuGE Net course, Cambridge, UK, November 6-8, 2006.
 112. “The bigger picture: networks, consortia and field synopses”, Integrating the Evidence on Gene-Disease Associations: Methods and applications of HuGE systematic reviews, MRC Biostatistics Unit, Cambridge, HuGE Net course, Cambridge, UK, November 6-8, 2006.
 113. “Meta-analysis in human genome epidemiology”, plenary talk, annual meeting, International Genetic Epidemiology Society, Tampa, FL, USA, November 16-17, 2006.
 114. “Meta-analyses in genetic epidemiology: making sense of 10,000,000 postulated genetic risk factors”, Instituto Mario Negri, Milano, Italy, November 27, 2006.
 115. “Evidence-based medicine: a tool to verify and evaluate uncertainty”, plenary at Symposium on “Areas of Uncertainty in Medicine”, Instituto Superiore di Sanita, Roma, Italy, November 28, 2006.
 116. “Genetic epidemiology: a HuGE experience”, invited lecture, London School of Hygiene and Tropical Medicine, London, UK, January 30, 2007.
 117. “Replication and non-replication: from candidate genes to genome-wide associations”, invited lecture, Wellcome Trust Centre for Human Genetics and Oxford University, Oxford, UK, January 31, 2007.
 118. “Claims that do not replicate in medical trials”, symposium lecture, American Association for the Advancement of Science (AAAS) annual meeting, San Francisco, CA, USA, February 16, 2007.
 119. “Translation, replication and credibility of research findings”, Great Teachers series, grand

- rounds at NIH Clinical Center, Bethesda, MD, USA, March 14, 2007.
120. “Molecular evidence-based medicine: evolution and intergraiton of information in the genomic era”, lecture on the receipt of the European Award for Excellence in Clinical Science, European Society for Clinical Investigation annual meeting, Uppsala University main amphitheater, Sweden, April 2007.
 121. “Meta-analysis in the genome-wide association setting”, SNP and complex diseases symposium, Amsterdam, Netherlands, April 2007.
 122. “Replication and validation for complex pathways in molecular epidemiology”, invited lecture, Approaches to Complex Pathways in Molecular Epidemiology, AACR/MEG joint meeting, New Mexico, USA, May 30-June 2, 2007.
 123. “Credibility and translation of medical research”, grand rounds, Encino-Tarzana Medical Center, UCLA/USC, Los Angeles, USA, June 2007.
 124. “Why most published research findings are false”, grand rounds/plenary to all principal investigators, Academic Medical Center Amsterdam, Amsterdam, Netherlands, June 2007.
 125. “Can we trust any positive finding? Sources of and cures for bias”, plenary at the 32nd annual meeting of the WEON (Working-party Epidemiologic Research in the Netherlands), Maastricht, Netherlands, June 22, 2007.
 126. “Genes and meta-analysis”, Erasmus Summer Lectures, Erasmus University Rotterdam, Rotterdam, Netherlands, August 30, 2007.
 127. “To err is science”, invited professor lecture at German Institute for Quality and Efficiency in Health Care, Cologne, Germany, September 2007.
 128. “The future of academic medicine”, plenary at 3rd Turkish-Greek Rheumatology Days, Kusadasi, Turkey, September 2007.
 129. “Personalized therapies: can tumor gene profiling live up to expectations”, Debate lecture, Media event for the 25th anniversary of the European School of Oncology, Rome, Italy, October 2007.
 130. “Meta-analysis”, Symposium on SNPs and complex diseases, Erasmus University Rotterdam, Netherlands, November 2007.
 131. “Calibrating thr credibility of research findings”, Rheumatology Grand Rounds, Tisch Hospital, New York University, NY, USA, December 2007.
 132. “Why some/many (all?) published clinical trials are false”, NYU Post-Graduate Medical School Clinical Research Methodology Course: Randomized Clinical Trials and the Real World, Hospital for Joint Diseases, New York, NY, USA, December 2007.
 133. “Translational Research: bench to where?”, NYU Post-Graduate Medical School Clinical Research Methodology Course: Randomized Clinical Trials and the Real World, Hospital for Joint Diseases, New York, NY, USA, December 2007.
 134. “Replication and inconsistency: a meta-analytic view”, invited professor lecture, Department of Social Medicine, Bristol University, Bristol, UK, January 15, 2008.
 135. “Meta-analysis”, TREAT-OA meeting, London, January 16, 2008.
 136. “Human genome epidemiology: building the knowledge base for genetic variation and human health”, plenary for CDC Celebration of 10 Years of Public Health Genomics: Translating Gene Discoveries into Population Health Benefits, Atlanta, GA, USA, January 23, 2008
 137. “Meta-analysis in complex genetics”, symposium in honor of Prof. Andre Uitterlinden, Erasmus University Rotterdam, Netherlands, February 8, 2008.
 138. “Assessing cumulative evidence”, Networks, Genome-Wide Association Studies, and the Knowledge Base on Genetic Variation and Human Health, HuGENet Workshop, Atlanta, GA, USA, January 24, 2008.
 139. “Meta-analysis of GWA”, GEFOS meeting, Rotterdam, Netherlands, March 2008.
 140. “Meta-analysis”, In: “The Role of DNA Polymorphisms in complex Diseases”, Colloquium organized by the Royal Dutch Academy of Arts and Sciences (KWAN), Trippenhuis, Amsterdam, Netherlands, March 18-21, 2008.

141. "Is molecular profiling currently ready for use in clinical decisions?", Molecular Oncology workshop, Metsovo, Greece, March 28-30, 2008.
142. "Meta-analysis", National Medical Conference, Athens, Greece, May 2008
143. "Future vision for large-scale genomic research", plenary, P3G meeting on biobanks, Barcelona, Spain, May 30, 2008.
144. "Meta-analysis: an advance on the RCT?", plenary symposium on "How do I treat this patient? Deciding what to do", American Thoracic Society, annual meeting, Toronto, Canada, May 20, 2008.
145. "Meta-analysis of GWA studies and replication thereof", 3rd meeting of Genetic Epidemiology in Parkinson disease, Trondheim, Norway, June 9-11, 2008.
146. "Genome wide association studies", plenary, RIDE symposium, Royal Academy of Sciences, Amsterdam, Netherlands, June 18, 2008.
147. "Evaluating cumulative evidence in genomic epidemiology", plenary, IARC-EARC-AACR joint symposium, Lyon, France, July 2008.
148. Five contributed papers presented at the annual meeting of the Society for Research Synthesis Methodology, Achilleion, Corfu, Greece, July 2008.
149. "Early published research findings: the false and the inflated", Mediterranean Institute for Life Sciences, Split, Croatia, July 2008.
150. "Adverse effects of antidiabetic drugs", hot topic plenary, International Conference on Pharmacoepidemiology, International Society for Pharmacoepidemiology annual meeting, Copenhagen, Denmark, August 19, 2008.
151. "Integrating randomized and observational evidence", symposium on "Balancing benefits and harms", UK Academies of Medical Sciences, London, UK, September 5, 2008.
152. "Evidence-based healthcare: large-scale evidence to improve outcomes for single patients?", "Evidence-Based Dentistry in Practice" symposium, International Association for Dental Research, London, UK, September 10, 2008
153. "Guidelines for neuropsychiatric lupus: methodological issues", EULAR task force, Zurich, September 2008.
154. "Large-scale evidence on lifestyle and gene-environment effects in biobanks and genetic consortia", International Society for Nutrigenetics/Nutrigenomics (ISNN), Geneva, Switzerland, October 7, 2008
155. "Concepts and challenges of personalized medicine", University of Copenhagen, Copenhagen, Denmark, October 8, 2008.
156. "Integrating genomics into population health", Life Science Institute Distinguished Lecture Series, National University of Singapore, Singapore, October 2008
157. "Calibrating the credibility of research findings", American College of Rheumatology annual meeting, San Francisco, USA, October 27, 2008.
158. "Meta-analyses of GWAS and online meta-analyses", Imperial College, London, UK, December 8, 2008.
159. "Meta-analysis in the GWA setting", Winter Meeting of the UK Molecular Epidemiology Group, Barcelona, Spain, December 2008.
160. "Can lessons learned from genome-wide research be applied to nutrition-wide and exposure-wide evidence?" International Life Sciences Institute workshop on Decision making for recommendations and communication based on totality of food-related research, Washington, D.C., December 15, 2008.
161. "Assessing cumulative evidence in genetic associations", Personal Genomics workshop: Establishing the Scientific Foundation for Using Personal Genome Profiles for Risk Assessment, Health Promotion and Disease (jointly organized by CDC, NHGRI, NHLBI, NCI), Bethesda, MD, USA, December 17, 2008
162. "Panel discussion on personal genomics", Personal Genomics workshop (jointly organized by

- CDC, NHGRI, NHLBI, NCI), discussants and panel: Francis Collins, Kari Stefansson, John Ioannidis, Coleen McBride, Sharon Terry, Sharon Kardia, Bethesda, MD, USA, December 18, 2008
163. “Selected issues of evidence review for development of recommendations”, EULAR guidedliens for immunizations in autoimmune diseases, Zurich, Switzerland, March 2009.
 164. “Significance versus credibility in epidemiological research”, International Epidemiology Institute, Maryland, USA, March 23, 2009.
 165. “Meta-analysis for meta-genetics: the bright, the grey, and the dark matter”, Division of Genetics, Brigham and Women’s Hospital, Harvard Medical School, Boston, USA, March 30, 2009.
 166. “Statistically significant findings: the false, the inflated, and the useless”, Department of Epidemiology, Harvard School of Public Health, Boston, USA, April 1, 2009
 167. “Design and bias issues in biomedical investigation”, European Society for Clinical Investigation Annual meeting, Frankfurt, Germany, April 2009.
 168. “Assessning cumulative evidence on gene disease associations”, IARC-NCI-HuGENet workshop on gene-environment interactions, IARC, Lyon, France, May 2009
 169. “Significance-chasing biases in biomedical publications”, Center of Interdisciplinary Research, Faculty of Medicine, Paris Descartes University, Paris, May 2009.
 170. “Replication strategies for GWA studies”, Genetic Epidemiology of Parkinson’s Disease meeting, Tuebingen, Germany, July 2009.
 171. Six contributed papers in the annual meeting of the Society for Research Synthesis Methodology, Seattle, USA, July 2009.
 172. “Genetic associations: candidate claims versus genome-wide discoveries versus the dark matter”, Psychosis Masterclass, organized by King’s College, Athens, Greece, Oct 31, 2009.
 173. “Why most research findings are flase and what to do about this”, 40 years of Epidemiology in Erasmus, Rotterdam, Netherlands, November 2009.
 174. “GWAS: successes and dark matter”, Tufts Molecular Medicine Series, Boston, January 5, 2010.
 175. “Pitfalls in analysis of large-scale data”, Conference on Retroviruses and Opportunistic Infecitons, San Francisco, CA, USA, February 2010
 176. “Significance versus credibility in medical research”, Grand rounds, Stanford University School of Medicine, Stanford, CA, USA, February 2010
 177. “Introduction to translational medicine”, European Society for Clinical Investigation, annual meeting, Bari, Italy, February 2010.
 178. “Meta-research: the art of getting it wrong”, presidential address, Society for Research Synthesis Methodology, Cartagena, Spain, July 2010.
 179. Two contributed papers at the annual Society for Research Synthesis Methodology meeting, Cartagena, Spain, July 2010.
 180. “Genome-wide, exposure-wide, phenotype-wide associations”, Distinguished Lecture series, invited lecture at Wellcome Trust Sanger Institute, Cambridge/Hinxton, UK, July 2010.
 181. “Comparative effectiveness of treatments in children versus adults: it really does matter”, plenary at Star Summit on Child Health, Vancouver, Canada, September 2010.
 182. “Genome-wide, exposurome-wide, phenotype-wide associations”, Current Issues in Genomics, Department of Genetics, Stanford University School of Medicine, Stanford, USA, September 2010.
 183. “Network meta-analysis and meta-analysis networks”, Department of Statistics, School of Humanities and Sciences, Stanford University, Stanford, USA, September 2010.
 184. “Evidence-based personalized health”, Inaugural seminar, SPRC seminar series, Clarke Center Auditorium, Stanford University School of Medicine, Stanford, USA, September 2010.
 185. “Efficiency and reliability of translaitonal research”, Pulmonary and Critical Care Medicine and Biology Grand Rounds, Stanford University School of Medicine, Stanford, USA, September 2010.

186. “Genome-wide association studies, field synopsis and the genetics knowledge base for complex diseases”, opening plenary, 5th Biologie Prospective, Functional Genomics Towards Personalized Health Care, Santorini, Greece, September 2010.
187. “Genetic associations: genome-wide discoveries versus candidate claims versus the dark matter”, opening plenary at the World Congress of Psychiatric Genetics, International Society for Psychiatric Genetics, Athens, Greece, October 2010.
188. “Large-scale multicenter studies and collaborative consortia”, ESCI course on clinical research, Bioacademy, Athens, October 2010.
189. “The ratio of false-positives to false-negatives in epidemiologic studies and exposure-wide epidemiology”, opening plenary, 5th CELSE, Paphos, Cyprus, October 2010.

EDITOR, PEER-REVIEWER, CONSULTANT, AND OTHER APPOINTMENTS (selectively)

Editor-in-Chief (elected in 2008, started being responsible for manuscripts as of July 2009, first issue under my editorship published in January 2010) for the European Journal of Clinical Investigation. Impact factor (Thomson ISI 2009): 2.693 (rank 24/132 in medicine, general and internal, 33/92 in medicine, research and experimental based on impact factor; rank 19/132 and 16/92, respectively, based on total cites).

Member of the editorial board for 26 other international peer-reviewed journals

JOURNAL (YEARS)	Impact factor (Thomson ISI 2009)
• Lancet (2005-)	30.758
• Journal of the National Cancer Institute (2005-)	14.069
• Annals of Internal Medicine (2007-)	16.225
• PLoS Medicine (2007-)	13.050
• AIDS (2004-2007, 2007-)	4.909
• International Journal of Epidemiology (2007-)	5.262
• Cochrane Library (1998-), editor, HIV/AIDS CRG	5.653
• Cancer Treatment Reviews (2006-)	5.295
• Guest editor, Seminars in Hematology (2008 issue)	2.703
• Journal of Clinical Epidemiology (2005-)	2.956
• BioMed Central Infectious Diseases (2000-)	2.550
• BioMed Central Medical Research Methodology (2000-)	2.303
• Clinical Trials (was Controlled Clinical Trials, 2004-)	1.917
• Journal of Evaluation in Clinical Practice	1.487
• Journal of Empirical Research in Human Research Ethics (2006-)	1.000
• PLoS ONE (2006-)	4.351
• Annals of Gastroenterology (1999)	Greek
• Open Medicine (2007-)	New
• Journal of Spurious Correlations (in planning phase)	New

- Cases Journal (2008-2010) New
- Human Genomics and Proteomics (2008-) New
- Research Synthesis Methods (2008-, first issue in 2010) New
- GAPP Reviews (2009-); currently PLoS Currents: Evidence on Genomic Tests New
- International Journal of Molecular Epidemiology and Genetics (2009-)New
- Italian Journal of Public Health (2009-) New
- LER (Letter to the editor in rheumatology) (2010-) New

Peer-reviewer for several hundreds of manuscripts in 120 different peer-reviewed journals:

AIDS, AIDS Research and Human Retroviruses, American Journal of Epidemiology, American Journal of Human Genetics, American Journal of Medicine, American Journal of Psychiatry, Annals of Internal Medicine, Annals of Neurology, Annals of the Rheumatic Diseases, Antiviral Therapy, Archives of General Psychiatry, Archives of Internal Medicine, Arthritis and Rheumatism, Arthritis Research and Therapy, Atherosclerosis, Thrombosis and Vascular Biology, Biometals, Biotechniques, Blood Coagulation and Fibrinolysis, BMC Anesthesiology, BMC Bioinformatics, BMC Gastroenterology, BMC Health Services Research, BMC Infectious Diseases, BMC Medical Research Methodology, BMC Medicine, BMC Psychiatry, BMC Public Health, BMJ (British Medical Journal), British Journal of Hematology, Calcified Tissue International, Cancer Epidemiology, Biomarkers and Prevention, Cancer Letters, Cancer Treatment Reviews, Circulation, Clinical Cancer Research, Clinical Endocrinology, Clinical Infectious Diseases, Clinical Trials, CMAJ (Canadian Medical Association Journal), Contemporary Clinical Trials, Controlled Clinical Trials, Drug Discovery Today, Drugs and Aging, Drug Safety, Emerging Infectious Diseases, Epidemiology, European Cytokine Network, European Journal of Cancer, European Journal of Clinical Investigation, European Journal of Epidemiology, European Journal of Human Genetics, FASEB Journal, Genetic Epidemiology, Genetics in Medicine, Genomics, Gut, HIV Clinical Trials, HIV Immunology Database, Human Genetics, Human Heredity, Human Immunology, Human Reproduction, Human Reproduction Update, International Journal of Biochemistry and Cell Biology, International Archives of Allergy and Immunology, International Journal of Cancer, International Journal of Epidemiology, International Journal of Immunogenetics, JAMA (Journal of the American Medical Association), Journal of Acquired Immune Deficiency Syndromes and Human Retrovirology, Journal of Antimicrobial Chemotherapy, Journal of Bone and Mineral Research, Journal of Clinical Epidemiology, Journal of Epidemiology and Community Health, Journal of General Internal Medicine, Journal of Infectious Diseases, Journal of Medical Genetics, Journal of Reproductive Immunology, Journal of Rheumatology, Journal of the National Cancer Institute, Kidney International, Lancet, Lancet Infectious Diseases, Lancet Neurology, Lung Cancer, Lupus, Maturitas, Mayo Clinic Proceedings, Molecular Genetics and Metabolism, Molecular Psychiatry, Nature, Nature Clinical Practice Cardiovascular Medicine, Nature Clinical Practice Rheumatology, Nature Genetics, Nature Reviews Genetics, NEJM (New England Journal of Medicine), Obstetrics and Gynecology, Paediatric and Perinatal Epidemiology, Pediatric Infectious Diseases Journal, Pharmacogenetics and Genomics, Pharmacogenomics, Pediatrics, Physiology and Behavior, PLoS Computational Biology, PLoS Medicine, PLoS ONE, PNAS (Proceedings of the National Academy of Sciences USA), Psychiatric Research, Quarterly Journal of Medicine, Rheumatology, Scandinavian Journal of Rheumatology, The Cochrane Library, Tissue Antigens, Trials, Trends in Genetics, Trends in Microbiology, Trends in Pharmacological Sciences, Urology

- Invited external expert for the National Health Research and Development Program of Canada (1995).
- Invited peer-reviewer for strategic plan grant application, Medical Research Council (MRC), UK (1998).
- Primary reviewer for antiretroviral trials sponsored through ACTG and CPCRA at the Clinical Science Review Committee of the Division of AIDS, National Institutes of Health (1996 -8).

- Invited to contribute and assess questions for the Certification Examinations of the American Board of Internal Medicine, subspecialty Infectious Diseases (1997 and 1998).
- Peer-reviewer, Minority AIDS Training Program Fellowship, ACTG (1998).
- Consultant, Workshop on Research Needs for the Design of Surrogate Endpoints in Clinical Trials, Office of Science Policy, Office of the Director, National Institutes of Health (1998).
- Invited external reviewer for grant applications at the Committee for Biomedical Research, Central Health Council, Greece (1999).
- Reviewer for research grant applications and physician and director appointments, Hellenic Center for Infectious Disease Control, Greece (2000, 2001)
- Editor for therapeutics, prognostics, and diagnostics, HIV/AIDS Collaborative Review Group, International Cochrane Collaboration. (1998-)
- Member, Committee for Approval of Clinical Trials, Hellenic Foundation for Medicines, Greece, 1999-2000
- Member, Committee for Antibiotic Use Hellenic Foundation for Medicines, Greece, 2000-2002
- Vice President, Board of Directors, Hellenic Center for Infectious Disease Control, Ministry of Health, Greece, 2000-1
- Member (expert), Greek delegation, European Union Council of Ministers of Health, Luxembourg, 6/2000
- Expert, High Level Round Table on Infectious Diseases and Poverty Reduction, European Commission/WHO/UNAIDS, Bruxelles, 9/2000
- Co-ordinating committee, MSc Program in Social Psychiatry, University of Ioannina, 2001-
- Director, Sector of Social Medicine and Mental Health, University of Ioannina School of Medicine, 2001-2002, 2003-2004, 2005-2006, 2007-2008
- Member, Administrative Council, University of Ioannina School of Medicine, 2001-2 and 2003-2004.
- Collaborating Scientist, Biomedical Research Institute, Foundation for Research and Technology-Hellas, Ioannina, 2001-.
- External reviewer, MRC, UK, 2003
- Book reviewer, Wiley, 2003, 2004, 2006
- Associate Editor, Encyclopedia of Clinical Trials, Wiley
- Member, Executive Committee, Human Genome Epidemiology (HuGE) Network, Centers for Disease Control and Prevention, Atlanta, USA, 3/2004-
- Adverse Event Reporting in Oncology (AERO), Executive Committee, 4/2004-
- Reviewer, European Science Foundation, 2004
- Member, Working Party, International Campaign to Revitalise Academic Medicine, 2004- (sponsored by BMJ and Lancet)
- External Reviewer, Swiss National Science Foundation, 2005
- Invited methodologist expert, KDIGO guidelines (international guidelines on kidney diseases), 2005-
- Founding member, Society for Research Synthesis Methodology, 2006-
- Member, Faculty of 1000 Medicine
- Evaluator, MacArthur Fellowship nominations, 2007
- Research grant evaluator, FP7, European Commission, 2007
- External reviewer, Research Grant council of Hong Kong, 2007
- Member of review panel/study section, NIMH, NIH, 2008
- Invited by several other national and international research grants organizations to act as reviewer, but have declined many/most of them, especially when physical presence has been required and international travel

is involved.

- President-elect, Society for Research Synthesis Methodology, 2008-9
- President, Society for Research Synthesis Methodology, 2009-10

CHAIRMAN IN SESSIONS OF INTERNATIONAL CONFERENCES: 27

MEMBER OF SCIENTIFIC COMMITTEES OF INTERNATIONAL CONFERENCES: 28

EXTERNAL REFEREE FOR FACULTY PROMOTIONS: for 10 universities/institutions – including 5 university schools in Greece (outside of the University of Ioannina: Athens, Salonica, Patras, Crete, Thessaly), 3 in the USA (Johns Hopkins, Brown, Tufts), 1 in Canada (University of British Columbia), and the Netherlands Royal Academy of Arts and Sciences

EXTERNAL REFEREE FOR PhD THESES: 13

SUPERVISOR FOR AWARDED PhD TITLES IN THE LAST DECADE: 16

- Maria Baltogianni
- Evangelos Evangelou
- Ioannis Giannakakis
- Anna-Bettina Haidich
- Petros Isaakidis
- Dimitrios Lathyris
- George Liberopoulos
- Fotini Kavvoura
- Davide Mauri
- Evangelia Ntzani
- Emilios Pakos
- Panagiotis Papanikolaou
- Nikolaos Patsopoulos
- Nikolaos Polyzos
- Athina Tatsioni
- Thomas Trikalinos

Seven of these scientists already have obtained faculty appointments in Greece or/and the USA. Many other young researchers who trained with me as fellows (not PhD-related) already have faculty positions (in various countries).

COMPETITIVE RESEARCH FUNDING

From NIH, U.S. AHRQ, European Commission, Canadian Institute of Health Research, General Secretariat for Research and Technology (Greece), Michael J. Fox Foundation, Gani Foundation. The list of grants in the last 7 years with principal investigator role (single PI or one of several PIs (Co-PI)) includes:

2000-2003

Funder: European Commission

Title: Evidence based treatment in mental health: optimized use of databases, grant # QLRT-1999-31201, 2000-0201

Role: Co-PI

2002-2005

Funder: General Secretariat for Research and Technology, Greece and European Commission

Title: Meta-analysis in genetic informatics, grant #01ED237
 Role: PI
 2002-2006 Funder: European Commission
 Title: GENOMOS: Genetic markers of osteoporosis, grant #
 QLRT-2001-02629
 Role: Co-PI
 2002-2004 Funder: European Commission
 Title: AGREE: Towards effective health care policy in Europe:
 promoting a coherent approach to the development, dissemination,
 and assessment of clinical guidelines through established networks,
 grant # QLAM-2001-0057
 Role: Co-PI
 2003-2005 Funder: European Commission
 Title: Evidence for Drugs and Alcohol Policy (EDAP): Cochrane
 Systematic Reviews, grant # 2002454
 Role: Co-PI
 2003-2005 Funder: Esther and Joseph Gani foundation
 Title: International meta-analysis on anti-P antibodies in SLE, grant
 # 1516
 Role: PI
 2004-2005 Funder: Michael J. Fox Foundation
 Title: Meta-analysis of genetic epidemiology studies for Parkinson's
 disease.
 Role: Co-PI
 2005-2008 Funder: General Secretariat for Research and Technology, Greece
 and European Commission
 Title: Large scale evaluation of genetic information for
 multifactorial disease, grant #03ED14
 Role: PI
 2005-2006 Funder: Michael J. Fox Foundation
 Title: Large-scale validation of whole genome association findings
 for Parkinson's disease
 Role: Co-PI
 2007-2008 Funder: Canadian Institute of Health Research (CIHR)
 Title: Development of optimal methods for synthesizing evidence
 on gene disease associations and related interventions, grant #83116
 Role: Co-PI
 2008-2012 Funder: European Commission, FP-7-Health-2007
 Title: Translational Research in Europe – Applied Technologies for
 Osteoarthritis (TREAT-OA), grant #FP7-HEALTH-2007-200800
 Role: Co-PI
 2008-2012 Funder: European Commission, FP-7-Health-2007
 Title: Genetic factors for osteoporosis (GEFOS) grant # FP7-
 Health-2007-2.4.5-4
 Role: Co-PI
 2010-2012 Funder: Cyprus Research Promotion Foundation
 Title: Meta-analysis of genome-wide association data and large-scale
 replication aiming to identify novel breast cancer susceptibility loci,
 grant # health/bios/0308

Role: Investigator

OTHER IMPACT:

- According to Thomson ISI Web of Knowledge: approximately 18,000 citations, according to SCOPUS: approximately 20,000 citations; according to GoogleScholar: approximately 24,000 citations. Of those, about 10% (approximately 2,000 citations) refer to modified group authorship papers (see list of publications above).
- Current rate of increase of citations: over 3,300 citations in the last 12 months per ISI; 3,500 citations in the last 12 months per Scopus; 4,500 citations in the last 12 months per GoogleScholar.
- Hirsch citation indices (per Hirsch, PNAS 2005) based on Thomson ISI Web of Knowledge: h index=63, i.e. 63 papers have ≥ 63 citations each (h=64 after including group authorship papers), m index =3.8 where $m=h/y$, y=number of years publishing peer-reviewed papers; h=65 (67 after including group authorship papers) according to Scopus and 78 (79 after including group authorship papers) according to GoogleScholar (thus, m index ranging from 4.0 to 4.8 per these databases).
- Hm-index=46, G-index=131, e-index=90 per GoogleScholar as of September 2010.
- According to ISI, I have co-authored papers with 1,375 different other authors (different names), but co-authorship analysis characterizes me primarily as a nuclear-category author (based on $I(1)=13$, $N(p)=393$, one estimates R-index=2.33, as per Ioannidis, PLoS ONE 2008).
- According to ISI, my work has been cited by over 42,000 different authors.
- In the 20 papers that have received the highest number of citations, I am the first author in 9 (single author in 3), second author in 4, and last author in 1. In decreasing number of citations per ISI September, 2010 these are:
Ioannidis, JPA; Ntzani, EE; Trikalinos, TA; et al. Replication validity of genetic association studies NATURE GENETICS, 29 (3): 306-309 NOV 2001.
Lau, J; Ioannidis, JPA; Schmid, CH. Quantitative synthesis in systematic reviews. ANNALS OF INTERNAL MEDICINE, 127 (9): 820-826 NOV 1 1997.
Ioannidis, JPA. Why most published research findings are false. PLOS MEDICINE, 2 (8): 696-701 AUG 2005.
McCarthy, MI; Abecasis, GR; Cardon, LR; et al. Genome-wide association studies for complex traits: consensus, uncertainty and challenges. NATURE REVIEWS GENETICS, 9 (5): 356-369 MAY 2008.
Ioannidis, JPA; Trikalinos, TA; Ntzani, EE; et al. Genetic associations in large versus small studies: an empirical assessment. LANCET, 361 (9357): 567-571 FEB 15 2003.
Baxter, JD; Mayers, DL; Wentworth, DN; et al. A randomized study of antiretroviral management based on plasma genotypic antiretroviral resistance testing in patients failing therapy. AIDS, 14 (9): F83-F93 JUN 16 2000.
Lau, J; Ioannidis, JPA; Schmid, CH. Summing up evidence: one answer is not always enough. LANCET, 351 (9096): 123-127 JAN 10 1998.
Carr, A; Emery, S; Law, I; et al. An objective case definition of lipodystrophy in HIV-infected adults: a case-control study. LANCET, 361 (9359): 726-735 MAR 1 2003.
Havir, DV; Marschner, IC; Hirsch, MS; et al. Maintenance antiretroviral therapies in HIV-infected subjects with undetectable plasma HIV RNA after triple-drug therapy. NEW ENGLAND JOURNAL OF MEDICINE, 339 (18): 1261-1268 OCT 29 1998.
Ioannidis, JPA; Haidich, AB; Pappa, M; et al. Comparison of evidence of treatment effects in randomized and nonrandomized studies. JAMA-JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION, 286 (7): 821-830 AUG 15 2001.
Ioannidis, JPA; Evans, SJW; Gotzsche, PC; et al. Better reporting of harms in randomized trials: An extension of the CONSORT statement. ANNALS OF INTERNAL MEDICINE, 141 (10): 781-788 NOV 16 2004.

Cappelleri, JC; Ioannidis, JPA; Schmid, CH; et al. Large trials vs meta-analysis of smaller trials - How do their results compare? JAMA-JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION, 276 (16): 1332-1338 OCT 23 1996.

Barza, M; Ioannidis, JPA; Cappelleri, JC; et al. Single or multiple daily doses of aminoglycosides: A meta-analysis. BRITISH MEDICAL JOURNAL, 312 (7027): 338-344 FEB 10 1996.

Ioannidis, JPA. Contradicted and initially stronger effects in highly cited clinical research. JAMA-JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION, 294 (2): 218-228 JUL 13 2005.

Ioannidis, JPA; Lau, J. Completeness of safety reporting in randomized trials - An evaluation of 7 medical areas. JAMA-JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION, 285 (4): 437-443 JAN 24 2001.

Ioannidis, JPA. Effect of the statistical significance of results on the time to completion and publication of randomized efficacy trials. JAMA-JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION, 279 (4): 281-286 JAN 28 1998.

Ioannidis, JPA; Ntzani, EE; Trikalinos, TA. 'Racial' differences in genetic effects for complex diseases NATURE GENETICS, 36 (12): 1312-1318 DEC 2004.

Gouva, C; Nikolopoulos, P; Ioannidis, JPA; et al. Treating anemia early in renal failure patients slows the decline of renal function: A randomized controlled trial. KIDNEY INTERNATIONAL, 66 (2): 753-760 AUG 2004.

Balk, EM; Bonis, PAL; Moskowitz, H; et al. Correlation of quality measures with estimates of treatment effect in meta-analyses of randomized controlled trials. JAMA-JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION, 287 (22): 2973-2982 JUN 12 2002.

Economou, M; Trikalinos, TA; Loizou, KT; et al. Differential effects of NOD2 variants on Crohn's disease risk and phenotype in diverse populations: A metaanalysis. AMERICAN JOURNAL OF GASTROENTEROLOGY, 99 (12): 2393-2404 DEC 2004.

- Listed among the highly cited scientists in the ISI Essential Science Indicators with twenty-five papers listed as top papers by ISI Essential Science Indicators in the last decade in the domains of Clinical Medicine, Molecular Biology and Genetics, Biology and Biochemistry, and Mathematics.
- Who is Who in Medicine and Healthcare, 2002-2003; Who is Who in Science and Engineering, 2003-2004; Who is Who in the World, 2004 (Marquis Who is Who).
- A total of at least 72 publications have been accompanied by editorials in the same journal issue as they were published.
- Many publications have been covered by press releases by Reuters or Associated Press. Comments and coverage on my work have appeared repeatedly in Science, Nature, New Scientist, Scientist, Science AAAS News, Scientific American, general journals (e.g. Economist, Forbes, Newsweek, Wall Street Journal, Technology Review), and hundreds of international newspapers and news media around the world. I have given interviews for my work on the National Public Radio (NPR On The Media), and national radio/TV channels in Australia (Australian Broadcasting Corporation), Switzerland, Austria, Germany, Denmark, among others. The 2005 paper on "Why most published research findings are false" is the most frequently downloaded article in the history of the Public Library of Science and has been described by Boston Globe as an instant cult classic.

OTHER INTERESTS:

Poetry, literature, history, classical music, remote islands of the Mediterranean, the beautiful mountains surrounding Ioannina, sports (swimming, epee fencing), spending time with my wife and my daughter