

CURRICULUM VITAE

Name	Jari Tiihonen	
Date and place of birth	27 Nov 1960 Säyneinen, Finland	
Contact details	Karolinska Institutet Department of Clinical Neuroscience Byggnad R5:00 S-171 76 Stockholm, Sweden jari.tiihonen@ki.se	
Current position		
Professor, Department of Clinical Neuroscience, Karolinska Institutet, Stockholm, Sweden		since 1 Sep 2011
Part-time Chief Psychiatrist, Psykiatri nord-vest, Stockholm, Sweden		since 1 Sep 2011
Professor and Chairman, Department of Forensic Psychiatry, University of Eastern Finland, Kuopio, Finland		since 1 Aug 2003
Chief Psychiatrist, Niuvanniemi Hospital, Kuopio, Finland		since 1 Aug 2003
Research Professor, National Institute for Health and Welfare, Helsinki, Finland		since 1 Mar 2008
Education and training		
Licentiate of Medicine, University of Kuopio		21 Aug 1985
Doctor of Medical Sciences, University of Kuopio Topic: Evoked and spontaneous neuromagnetic activity in man.		31 Jan 1990
Docent (Senior Lecturer) in Neurophysiology, University of Kuopio		25 May 1992
Specialist in Psychiatry		21 Feb 1994
Specialist in Forensic Psychiatry		20 Dec 1994
Docent (Senior Lecturer) in Psychiatry, University of Helsinki		1 Oct 2003
Previous professional appointments		
Resident Physician in Departments of Psychiatry, Kuopio University Hospital, Niuvanniemi Hospital, and Outpatient Care of Psychiatric District of Harjamäki Hospital; total 4 years		1985–1993
Resident Physician in Department of Clinical Neurophysiology, Kuopio University Hospital, Vaajasalo Epilepsy Hospital; total 1 year 3 months		1986–1990
Junior Research Fellow, Low Temperature Laboratory, Helsinki University of Technology; total 2 years		1987–1989
Senior Lecturer in Neurophysiology, University of Kuopio; total 4 years		1992–1996
Senior Psychiatrist, Niuvanniemi Hospital; total 11 months		1993–1994
Chief Psychiatrist, Niuvanniemi Hospital; total 4 months		1994
Associate Professor, Department of Psychiatry, Oulu University Hospital; total 2 months		1995
Part time Chief Psychiatrist, Oulu University Hospital; total 2 months		1995
Chief Psychiatrist, Niuvanniemi Hospital; total 6 years and 2 months		1995–2001
Professor and Chairman, Department of Forensic Psychiatry, University of Kuopio; total 6 years 2 months		1995–2001
Medical Director, Niuvanniemi Hospital (284 beds, 470 employees); total 13 months		1998–1999
Chief Psychiatrist, Helsinki University Central Hospital HUCH, Lapinlahti Hospital; total 2 years 3 months		2001–2003
Professor and Chairman, Department of Psychiatry, University of Helsinki; total 2 years 3 months		2001–2003
Research awards, honours and major grants		
Scholarship for clinical aggression research (FIM 45.000, University of Kuopio)		1992
Scholarship for alcohol research (FIM 80.000, Finnish Alcohol Research Foundation)		1993

Schizophrenia Research Award (FIM 10.000, Sandoz)	1993
Martti Hämmäläinen Award (FIM 10.000, The Medical Society of Northern Savo)	1993
Scholarship for schizophrenia research (FIM 75.000, University of Kuopio)	1994
Research Funding to the Department of Forensic Psychiatry/Niuvanniemi Hospital (FIM 10.377.400, Ministry of Health and Welfare)	1995–2000
The title of Primus Doctoralis at The Fourth Solemn Conferment Ceremony, University of Kuopio	1996
Scholarship for alcohol research (FIM 45.000, University of Kuopio)	1996
Lundbeck Award (FIM 10.000, Oy H Lundbeck Ab)	1996
Scholarship for alcohol research (FIM 45.000, University of Kuopio)	1997
Lapinlahti award (FIM 2.000, Lapinlahti Hospital)	1998
Lapinlahti medal (Lapinlahti Hospital)	1998
1998 Michell B. Balter Award (Journal of Clinical Psychopharmacology)	1999
Niuva award (EUR 1700, Janssen-Cilag)	2002
Grant for treatment trial (USD 67.840, Stanley Foundation)	2002
Special subsidies (Research funding to the Department of Forensic Psychiatry/ Niuvanniemi Hospital; EUR 1 266 361, Ministry of Health and Welfare)	2004–2009
18 th ECNP Congress, Amsterdam, The Netherlands Poster Award “Effectiveness of antipsychotic treatments in first-episode schizophrenia”	2005
Grant for research on panic disorder (EUR 28.600, Yrjö and Tuulikki Ilvonen Fund)	2006
The best publication of psychiatry research in Finland in year 2005 (ref. no. 161 in the list of publications) (Finnish Psychiatric Association)	2006
Grant for pharmacoepidemiological research (EUR 25.000, University of Kuopio)	2006
Grant for HUUTI consortium, PI Jari Tiihonen (EUR 244.590, Academy of Finland)	2007–2009
Grant for conducting randomized clinical trials in substance abuse [EUR 75.000, National Research and Development Centre for Welfare and Health (STAKES)]	2007
Special subsidies (Research Funding to the Department of Forensic Psychiatry/ Niuvanniemi Hospital; EUR 358 297, Ministry of Health and Welfare)	2010
The best publication of psychiatry research in Finland in year 2009 (ref. no. 205 in the list of publications) (Finnish Psychiatric Association)	2010
Special subsidies (Research Funding to the Department of Forensic Psychiatry/ Niuvanniemi Hospital; EUR 420 000, Ministry of Health and Welfare)	2011
Special subsidies (Research Funding to the Department of Forensic Psychiatry/ Niuvanniemi Hospital; EUR 558 000, Ministry of Health and Welfare)	2012
Grant for treatment trial (USD 306,572, 12TAF-1635, Stanley Foundation)	2012
Special subsidies (Research Funding to the Department of Forensic Psychiatry/ Niuvanniemi Hospital; EUR 396 000, Ministry of Health and Welfare)	2013

Memberships in scientific societies

Member of Duodecim (Finnish College of Physicians)	1983–
President of the Finnish Psychopharmacological Association	2001–2003
Member of the European College of Neuropharmacology	2002–
Member of Society for Neuroscience	2004–2012
Member of the International Society for Affective Disorders	2004–
Member of International Society for Affective Disorders	2004–
Member of Society of Biological Psychiatry	2005–
Member of Schizophrenia International Research Society (SIRS)	2006–
Member of European College of Neuropsychopharmacology (ECNP)	2006–

Other academic and professional activities

Referee for doctoral dissertation (for nine different theses)	1995–
Member of the working party that develops regulations of state mental hospitals (Working Group Memorandum of the Ministry of Social Affairs and Health 1996:14)	1996
Opponent for doctoral dissertation (for four dissertations) (Helsinki 1996, Trondheim 2001, Turku 2006, Helsinki 2008)	1996–
Supervised doctoral dissertation (for 12 different theses)	1997–
Member of the Hospital Board of Niuvanniemi Hospital	1997–2001
Faculty Member of the Lundbeck International Neuroscience Foundation	1997–2007
Member of Faculty Board of the Faculty of Medicine, University of Kuopio	1998–2001

Deputy member of Hospital Board of Kuopio University Hospital	1998–2001
Member of International Editorial Board (Journal of Forensic Medicine and Toxicology)	1998–
Member of the working party that develops involuntary psychiatric treatment for juveniles (Working Group Memorandum of the Ministry of Social Affairs and Health 2000:7)	1999–2000
Member of the working party that develops medical treatments for opioid-dependent persons (Working Group Memorandum of the Ministry of Social Affairs and Health 2001:21)	2000–2001
Member of the Hospital Board of Niuvanniemi Hospital	2002–
Member of Global Advisory Board on Substance Abuse, BMS	2002–2004
Member of Faculty Board of the Faculty of Medicine, University of Kuopio	2004–2009
Member of Executive Committee of Foundation of Alcohol Research, Ministry of Education	2004–2010
Expert Member of National Authority of Medicolegal Affairs	2004–2012
Deputy member of Board of Brain Research Center, University of Kuopio	2004–2010
Member of the working party “Consolidation of the Penal Code and the Mental Health Act. Provisions on criminal patients” (Working Group Memorandum of the Ministry of Social Affairs and Health 2005:20)	2004–2005
Member of the Scientific Committee of Finnish Office for Health Technology Assessment (FinOHTA)	2005–2007
Referee for docent applications (for six different docents)	2006–
Consult/Expert Member of Advisory Board of Janssen-Cilag	2006–
Board member of AEP Core Organizing Scientific Committee	2006–2009
Member of Advisory Board for Framingham on Bipolar Disorders and Schizophrenia	2007–
Member of International Editorial Board (The Open Law Journal)	2007–
Member of the Editorial Board (The World Journal of Biological Psychiatry)	2009–
Member of the management group “Preclinical animal models of neuro-psychiatric symptoms – extension of CNS expertise in Kuopio region”	2010–
Member of the scientific board “Preclinical animal models of neuropsychiatric symptoms – extension of CNS expertise in Kuopio region”	2010–
Member of the Editorial Board (The World Journal of Psychiatry)	2011–2012
Member of the ECNP Award Committee	2011–
Member of Advisory Board of Otsuka	2013–

Invited lectures

- ESCAP-symposium on forensic psychiatry. September 20, 1995, Utrecht, Holland. “Altered serotonin re-uptake site densities associated with impulsive violent behaviour.”
- American Association for the Advancement of Science. February 8-13, 1996, Baltimore, Maryland, USA. Session: Major Mental Disorders and Crime: New Data, New Policies? “Schizophrenia and homicide”.
- Skandinavisk Selskap for Psykofarmakologi. 37. Årsmøde. April 24-26, 1996, København, Danmark. The Plenary Lecture: “Biology and pharmacology of violence and impulse control.”
- The Royal Society of Medicine and the Swedish Society of Medicine. Brooke Lecture: “Violence as a public health issue”. Berzelius Symposium. October 24-25, 1996, London, England. “Mental illness and violence.”
- Lapinlahti-päivät. August 8, 1998, Helsinki, Finland. “Hyvyys, pahuus ja vapaa tahto” (in Finnish).
- NATO Advanced Study Institute. Effective Prevention of Crime and Violence among Persons with Major Mental Disorders. May 16-26, 1999, Tuscany, Italy. “Pharmacological intervention for preventing violence among the mentally ill with secondary alcohol and drug use disorders”.
- V World Congress of Depressive Disorders, September 25 – 27, 2003, Mendoza, Argentina. “Premorbid intellectual functioning in bipolar disorder”.
- V World Congress of Depressive Disorders, September 25 – 27, 2003, Mendoza, Argentina. “Dopamine synthesis in major depression”.
- Paolo Foundation Symposium 2004: Effectiveness Research in Psychiatry, 27–28 May, Lahti, Finland. “Real-world effectiveness research by using national computer-based registers”.
- XXIVth CINP Congress, June 20–24, 2004, Paris, France. “Glutamatergic mechanisms in the etiology and treatment of schizophrenia: Focus on the ionotropic NMDA receptors”.
- 17th ENCP Congress, GSK Lamictal symposium, 9–13 October 2004, Stockholm, Sweden. “Beyond bipolar depression: New developments in the spectrum of psychiatric disorders.”

- Invited lecture, McGill University, Department of Psychiatry, Montréal, Canada, April 15, 2005. "Real-world effectiveness of antipsychotic treatments in first-episode schizophrenia".
- The 6th Nordic Symposium on Forensic Psychiatry, August 24–26, 2005, Vaasa. "Effectiveness of pharmacological treatment of schizophrenia".
- 18th ECNP Congress, Amsterdam, The Netherlands, October 22–26, 2005. "Effectiveness of antipsychotic treatments in first-episode schizophrenia" (an oral presentation of the Awarded Poster).
- NIDA ACNP satellite symposium, Hilton Waikoloa Village, Hawaii, USA, December 11-15, 2005. "A comparison of aripiprazole, methylphenidate and placebo for amphetamine dependence".
- 19th ECNP Congress, Paris, France, September 16–20, 2006. "Antidepressant use and the risk of suicide, attempted suicide and overall mortality in a nation-wide cohort" (an oral presentation of the Breaking News).
- VIII ISAM Meeting, Oporto, Portugal, September 27–30, 2006. "Aripiprazole, methylphenidate and placebo of amphetamine dependence" (an oral presentation in a symposium "Pharmaceutical treatments for methamphetamine dependence – NIDA").
- Perspectives of pharmacoepidemiology in Finland and in Europe, Helsinki, 2nd November 2006. "Real-world effectiveness of antipsychotic treatments. Example of using nation-wide registers for pharmacoepidemiologic research".
- 7th Annual IAFMHS (International Association of Forensic Mental Health Services) Conference, June 26–28, 2007, Montreal, Canada. Plenary lecture: "Violent Behaviour: From Etiology to Interventions".
- 7th Nordic Forensic Psychiatric Symposium, Oslo, Norway, 22–24 August 2007. "On recidivistic violent behaviour".
- 20th ECNP Congress, Vienna, Austria, October 13–17, 2007. "Treatment discontinuation and rehospitalization: minimizing the risks".
- Neurobiologie Congres: Nieuw Kompas voor de Forensische Psychiatrie? Nijmegen, The Netherlands, January 17, 2008. "Violent behaviour: from etiology to interventions".
- 49th Annual Meeting of the SCNP (Scandinavian College of Neuro-Psychopharmacology). Juan-les-Pins, France, April 2–4, 2008. "Methylphenidate in the treatment of amphetamine dependence. "
- 22th ECNP Congress, 12–16 September 2009, Istanbul, Turkey. Highlights Live. "Schizophrenia".
- Asia Regional Neuroscience Conference, July 25–27, 2009, Narita, Japan. "Longterm effectiveness of antipsychotic treatments: an 11-year follow-up study of 66,881 patients".
- Latin American Informational Meeting, Santiago, Chile, 22–24 September 2010. "Risk and outcomes: The Finnish cohort papers".
- Brazilian Congress of Psychiatry, Fortaleza, Brazil, 28 October 2010. "Risk and outcomes: The Finnish cohort studies".
- II International Neuro-Psychopharmacotherapy Conference: Focus on treatment effectiveness in Psychiatry, 10–14 November 2010, Lanzarote, Canary Islands, Spain. "Long-term antipsychotic treatment: efficacy, safety and life expectancy considerations".
- 2nd Asian Congress on Schizophrenia Research, February 11–12, 2011, Seoul, Korea. "Long-term antipsychotic treatment: efficacy, safety and life expectancy considerations".
- 53rd Annual Meeting of the Scandinavian College of Neuro-Psychopharmacology (SCNP), 25–27 April 2012, Copenhagen. "Augmentation strategies in schizophrenia: clinical outcomes".
- Current Perspectives in Psychosis Research, September 6, 2012, Turku, Finland. "Why do we need register studies in psychiatric research?"

Selected publications

- Tupala E, Hall H, Särkioja T, Räsänen P, Tiihonen J: Dopamine-transporter density in nucleus accumbens of type-1 alcoholics. Lancet, 355:380, 2000. (Impact factor 38.278)
- Tiihonen J, Pesonen U, Kauhanen J, Koulu M, Hallikainen T, Leskinen L, Salonen JT: CYP2A6 genotype and smoking. Mol Psychiatry, 5(4):347-348, 2000. (Impact factor 12.992)
- Tupala E, Hall H, Bergström K, Särkioja T, Räsänen P, Mantere T, Callaway J, Hiltunen J, Tiihonen J: Dopamine D₂/D₃-receptor and transporter densities in nucleus accumbens and amygdala of type 1 and 2 alcoholics. Mol Psychiatry, 6:261-267, 2001. (Impact factor 12.992)
- Mantere T, Tupala E, Hall H, Särkioja T, Räsänen P, Bergström K, Callaway J, Tiihonen J: Serotonin transporter distribution and density in the cerebral cortex of alcoholic and nonalcoholic comparison subjects: A whole-hemisphere autoradiography study. Am J Psychiatry, 159:599-606, 2002. (Impact factor 12.539)
- Tuppurainen H, Kuikka J, Viinamäki H, Husso-Saastamoinen M, Bergström K, Tiihonen J: Extrastriatal dopamine D_{2/3} receptor density and distribution in drug-naive schizophrenic patients. Mol

- Psychiatry, 8:453-455, 2003. (Impact factor 12.992)
- Tiihonen J, Haukka J, Henriksson M, Cannon M, Kiesepä T, Laaksonen I, Sinivuo J, Lönnqvist J: Premorbid intellectual functioning in bipolar disorder and schizophrenia: results from a cohort study of male conscripts. Am J Psychiatry, 162:1904-1910, 2005. (Impact factor 12.539).
- Tiihonen J, Wahlbeck K, Lönnqvist J, Klaukka T, Ioannidis JPA, Volavka J, Haukka J: Effectiveness of antipsychotic treatments in a nationwide cohort of patients in community care after first hospitalization due to schizophrenia and schizoaffective disorder: observational follow-up study. Br Med J, 333:224-227, 2006. (Impact factor 14.093)
- Tiihonen J, Lönnqvist J, Wahlbeck K, Klaukka T, Tanskanen A, Haukka J: Antidepressants and the risk of suicide, attempted suicide, and overall mortality in a nationwide cohort. Arch Gen Psychiatry, 63:1358-1367, 2006. (Impact factor 12.016)
- Tiihonen J, Kuoppasalmi K, Föhr J, Tuomola P, Kuikanmäki O, Vormaa H, Sokero P, Haukka J, Meririnne E: A comparison of aripiprazole, methylphenidate and placebo for amphetamine dependence. Am J Psychiatry, 164:160-162, 2007. (Impact factor 12.539)
- Tiihonen J, Lönnqvist J, Wahlbeck K, Klaukka T, Niskanen L, Tanskanen A, Haukka J: 11-year follow-up study of mortality in patients with schizophrenia: a population-based cohort study (FIN11 study). Lancet, 374:620-627, 2009. Epub 2009 July 13. (Impact factor 38.278)
- Tiihonen J, Haukka J, Taylor M, Haddad PM, Patel MX, Korhonen P: A nationwide cohort study of oral and depot antipsychotics after first hospitalization for schizophrenia. Am J Psychiatry, 168(6):603-609, 2011. Epub 2011 Mar 1 (Impact factor 12.539)
- Tiihonen J, Krupitsky E, Verbitskaya E, Blokhina E, Mamontova O, Föhr J, Tuomola P, Kuoppasalmi K, Kiviniemi V, Zwartau E: Naltrexone implant for the treatment of polydrug dependence. Am J Psychiatry, 169(5):531-6, 2012. (Impact factor 12.539)
- Tiihonen J, Suokas JT, Suvisaari JM, Haukka J, Korhonen P: Polypharmacy with antipsychotics, antidepressants or benzodiazepines and mortality in schizophrenia. Arch Gen Psychiatry, 69(5):476-483, 2012. doi: 10.1001/archgenpsychiatry.2011.1532. (Impact factor 12.016)
- Need AC, McEvoy JP, Gennarelli M, Heinzen EL, Ge D, Maia JM, Shianna KV, He M, Cirulli ET, Gumbs CE, Zhao Q, Campbell CR, Hong L, Rosenquist P, Putkonen A, Hallikainen T, Repo-Tiihonen E, Tiihonen J, Levy DL, Meltzer HY, Goldstein DB: Exome sequencing followed by large-scale genotyping suggests a limited role for moderately rare risk factors of strong effect in schizophrenia. Am J Hum Genet, 91(2):303-312, 2012. doi: 10.1016/j.ajhg.2012.06.018. Epub 2012 Aug 2. (Impact factor 10.603).