

Jakris Eu-ahsunthornwattana MD PhD

Department of Community Medicine
Faculty of Medicine Ramathibodi Hospital
Mahidol University
Rama VI Rd, Ratchathewi
Bangkok 10400
Thailand

Mobile: +66 87 912 7847

Work: +66 2 201 1518

E-mail: jakrise@gmail.com
jakris.eua@mahidol.ac.th

Date of Birth: 14th July 1975

Medical Registration: Thailand: 23015 (since 1998)

UK (GMC): 5201654 (since 2001)

Current position

Lecturer
Department of Community Medicine
Faculty of Medicine Ramathibodi Hospital
Mahidol University

Other Positions of Responsibility

- 2019- **Vice President and Founding Committee**, Human Genetics Society (Thailand)
- 2019- **Secretary and Founding Committee**, Medical Genetics and Genomics Association (Thailand)
- 2014- **Committee Member**, Medical Genetics Network, Genetic Society of Thailand.
- 2016- **Committee Member and Medical Genetics Representative**, Academic Committee, Royal College of Physicians of Thailand.
- 2019- **Member**, Genomics Thailand Research Taskforce
- 2018-2019 **Member**, Genomics Thailand Steering Subcommittee
- 2017- **Member**, Science and Technology Ethics Taskforce: Genes, Cells and Life Modification Group. Committee for the Promotion of Ethics in Science and Technology, National Science Technology and Innovation Policy Office
- 2018- **Member and Assistant Secretary**, Steering Committee for Human Genetic Data in Medicine and Public Health. Ministry of Public Health
- 2018- **Member**, Operation Committee for Human Genetic Data in

- Medicine and Public Health. Ministry of Public Health
- 2007-2011, **Committee Member**, Organizing Committee for Medicine
2016- Tournament Programme, Royal College of Physicians of Thailand
- 2018- **Committee Member**, Information Technology Committee, Royal
College of Physicians of Thailand
- 2017-2019 **Committee Member**, Academic Committee, Royal College of
Physicians of Thailand
- 2016- **Committee Member**, Genomic Medicine Center, Faculty of
Medicine Ramathibodi Hospital, Mahidol University, Bangkok.
- 2010- **Co-editor**, Bulletin of the Thalassemia Club of Thailand

Education

- 2015 **PhD in Statistical Genetics.**
Institute of Genetic Medicine, Faculty of Medical Sciences,
Newcastle University, Newcastle upon Tyne, UK.
- Thesis title: *Use of theoretical and estimated identity-by-descent (IBD) allele sharing measures in genome-wide linkage and association studies, with application to large pedigrees.*
- 2005 **MSc in Epidemiology: Principles and Practice.**
**Diploma of the London School of Hygiene and Tropical
Medicine.**
London School of Hygiene & Tropical Medicine / University of
London External Programme.
- 2003-2005 Cambridge medical rotation. Cambridgeshire/Suffolk, UK.
- 2001-2003 St George's/Atkinson-Morley's infectious diseases/neurology
rotation. London, UK.

1998 **MD, 1st class honors.**
Faculty of Medicine Ramathibodi Hospital, Mahidol University,
Bangkok, Thailand.

Other Qualifications/Certifications

Research

- Good Clinical Practice (GCP), Human Subjects Research (HSR), Biomedical Responsible Conduct of Research (RCR) and Information Privacy Security (IPS) certification. CITI Program. 2016.
- Good Clinical Practice (GCP), Human Subjects Research (HSR) and Biomedical Responsible Conduct of Research (RCR) re-certification. CITI Program. 2019-2020.

Teaching

- Introduction to Learning and Teaching in Higher Education. Newcastle University. 2013.

Professional

- Advanced Life Support (ALS) Provider Course. Wexham Park Hospital, Slough, Berkshire, UK. 2003.
- Advanced Life Support Recertification Course. Southend Hospital, Southend-on-Sea, Essex, UK. 2006.

Previous posts

2006-2016 **Medical Researcher.** Division of Medical Genetics and Molecular Medicine, Department of Internal Medicine, Faculty of Medicine Ramathibodi Hospital, Mahidol University, Bangkok.

2003-2005 **Senior House Officer.** Cambridge medical rotation (Addenbrooke's Hospital & Papworth Hospital, Cambridge / West Suffolk Hospital, Bury St. Edmunds)

2001-2003 **Senior House Officer.** Infectious Diseases / Neurology rotation (St. George's Hospital & Atkinson-Morley's Hospital, London)

2001 **Clinical Observer.** Clinical Infection Unit, St. George's Hospital, London.

2000-2001 **Staff Doctor.** Banpho Hospital, Chachoengsao, Thailand.

1999-2000 **Staff Doctor.** Khukhan Hospital, Sisaket, Thailand.

1998-1999 **Intern.** Sisaket Provincial General Hospital, Sisaket, Thailand.

Publications

Peer-reviewed articles

Charoen P, Eu-ahsunthornwattana J, Thongmung N, Jose PA, Sritara P, Vathesatogkit P, Kitiyakara C. Contribution of Four Polymorphisms in Renin-Angiotensin-Aldosterone-Related Genes to Hypertension in a Thai Population. *Int J Hypertens* 2019; 2019:4861081.

Shotelersuk V, Tongsim S, Pithukpakorn M, Eu-ahsunthornwattana J, Mahasirimongkol S. Precision medicine in Thailand. *Am J Med Genet Part C* 2019; 1-9. <https://doi.org/10.1002/ajmg.c.31694>.

Howey RAJ, **Eu-ahsunthornwattana J**, Darlay R, Cordell HJ. Examination of previously identified associations within the GAW19 data. *BMC Proc* 2016; 10 Suppl 7: 97-101.

Eu-ahsunthornwattana J, Miller EN, Fakiola M; Wellcome Trust Case Control Consortium 2, Jeronimo SM, Blackwell JM, Cordell HJ. Comparison of methods to account for relatedness in genome-wide association studies with family-based data. *PLoS Genet* 2014; 10(7): e1004445.

Eu-ahsunthornwattana J, Howey RAJ, Cordell HJ. Accounting for relatedness in family-based association studies: application to GAW18 data. *BMC Proc* 2014; 8 Suppl 1: S79.

Eu-ahsunthornwattana J, Trachoo O, Dejsuphong D, Tunteeratum A, Srichan K, Sura T. Noonan syndrome, metabolic syndrome, and stroke-in-the-young: coincidence, causal, or contribution? *J Med Assoc Thai* 2010; 93: 1084-7.

Tawonsawatruk T, Trachoo O, Channoom T, Sura T, **Eu-ahsunthornwattana J**, Woratanarat P, Wajanavisit W. Association of estrogen receptor-alpha single-nucleotide polymorphism (codon 594 G-->A) and Thai patients affected by knee osteoarthritis. *J Med Assoc Thai* 2009; 92 Suppl 6: S45-50.

Tunteeratum A, Witoonpanich R, Phudhichareonrat S, **Eu-ahsunthornwattana J**, Pingsuthiwong S, Srichan K, Sura T. Congestive heart failure with rhabdomyolysis and acute renal failure in a manifesting female carrier of Duchenne muscular dystrophy with duplication of dystrophin gene. *J Clin Neuromuscul Dis* 2009; 11(1): 49-53.

Sura T, **Eu-ahsunthornwattana J**, Youngcharoen S, Busabaratana M, Dejsuphong D, Trachoo O, Theerasasawat S, Tunteeratum A, Noparutchanodom C, Tunlayadechanont S. Frequencies of spinocerebellar ataxia subtypes in Thailand: window to the population history? *J Hum Genet* 2009; 54(5): 284-8.

Sura T, **Eu-ahsunthornwattana J**, Pingsuthiwong S, Busabaratana M. Sensitivity and frequencies of dystrophin gene mutations in Thai DMD/BMD patients as detected by multiplex PCR. *Dis Markers* 2008; 25(2): 115-21.

Peer-reviewed article (locally indexed journal)

Eu-ahsunthornwattana N, **Eu-ahsunthornwattana J**. [Accuracy of caregivers in identification of developmental delay in orphans of Thai Red Cross children home]. *Thai J Pediatrics* 2009; 48(1): 25-33. [in Thai]

Book chapter

Eu-ahsunthornwattana J, Tunteeratum A, Sura T. [Patients with family history of genetic diseases]. in Sumethkul V, Sungkanuparph S, Kiertiburanakul S (eds). [Medical problems in clinical practices]. Bangkok: Faculty of medicine Ramathibodi hospital. pp 24-34. [in Thai]

Recent abstracts

Eu-ahsunthornwattana J, Juthamat Kunnatham, Nathanon Borisut, Natini Jinawath, Thanyachai Sura. A Cancer-SNP-Panel-based case-control study of genetic susceptibility to cancer in Thai individuals. [Poster: 13th International Congress of Human Genetics 2016 (ICHG2016), 2016, Kyoto, Japan]

Eu-ahsunthornwattana J, Howey RAJ, Cordell HJ. Regional IBD Analysis (RIA): a new method for linkage analysis in extended pedigrees using genome-wide SNP data. [Oral: 11th Asia Pacific Conference of Human Genetics 2015 (APCHG2015), 2015, Hanoi, Vietnam]

Eu-ahsunthornwattana J, Cordell HJ. Regional IBD Analysis (RIA): linkage analysis in extended pedigrees using genome-wide SNP data. [Poster: 23rd International Genetic Epidemiology Society conference, 2014, Vienna, Austria]

Howey RAJ, **Eu-ahsunthornwattana J**, Darlay R, Cordell HJ. Replication of previously identified associations within the GAW19 Data. [Presented by RAJH. Oral: 19th Genetic Analysis Workshop, 2014, Vienna, Austria]

Eu-ahsunthornwattana J, Miller EN, Pirinen M, Fakiola M, The Wellcome Trust Case Control Consortium 2, Jeronimo SMB, Blackwell JM, Cordell HJ. Accounting for relatedness in genome-wide association studies: an empirical methods comparison. [Poster: 21st International Genetic Epidemiology Society conference, 2012, Stevenson WA]

Eu-ahsunthornwattana J, Howey RAJ, Cordell HJ. Accounting for relatedness in family-based association studies: application to GAW18 data. [Oral: 18th Genetic Analysis Workshop, 2012, Stevenson WA]

White aper

Eu-ahsunthornwattana J, Proposal for the Management of Human Genetic Data. Report commissioned by the National Science and Technology Development Agency (NSTDA). 2018.

Articles for patients/public readers

- Approximately thirty articles in the Bulletin of the Thalassemia Club of Thailand since 2006.

Memberships of Professional Societies / Associations

- Asia-Pacific Society of Human Genetics (life member, since 2010)
- Genetic Society of Thailand (committee member, since 2014)
- The Medical Association of Thailand (life member, since 2008)
- Medical Genetics and Genomics Association (Thailand) (secretary and founding committee, since 2019)
- Human Genetics Society (Thailand) (vice president and founding committee, since 2019)