



Curriculum Vitae

Personal information **Samuli Salmi**

Work experience

03/2026 – Present Senior Medical Officer, Fimea - Finnish Medicines Agency, Helsinki.

11/2025 – 02/2026 General Physician, Vantaa-Kerava Wellbeing Services County, Länsimäen terveysasema, Vantaa.

10/2025 – Present General Physician (Contract), Suomen Paikallislääkärit Oy, Sastamala.

09/2025 – 10/2025 General Physician, Keski-Uusimaa Wellbeing Services County, Hyvinkään terveysasema, Hyvinkää.

03/2024 – 09/2025 Research Physician, FVR - Finnish Vaccine Research, Espoo, Järvenpää, South Helsinki and Turku Clinics, Helsinki.

05/2025 – 08/2025 General Physician, Päijät-Häme Wellbeing Services County, Harjun Terveys, Lahti.

03/2025 – General Physician (Contract), Mehiläinen, Itäkeskuksen Lääkärikeskus, Helsinki.

09/2024 – 12/2024 General Physician, Prison and Probation Service of Finland, Vantaa Prison, Vantaa.

01/2024 – 06/2024 General Physician, FSHS - Finnish Student Health Service, Otaniemi, Espoo.

12/2023 – 01/2024 General Physician, City of Helsinki, Myllypuron terveysasema, Helsinki.

10/2023 – Present General Physician, Mehiläinen, OmaPartners Oy, Helsinki.

09/2023 – 10/2023 General Physician, Western Uusimaa Wellbeing Services County, Nummelan terveysasema, Vihti.

08/2023 – 12/2024 Medical Adviser, RemedyBytes, Helsinki.

06/2023 – 08/2023 General Physician, Työplus Oy, Kokkola & Pietarsaari.

05/2023 – 06/2023 General Physician, Satakunta Wellbeing Services County, Sote-keskus Länsi, Pori.

07/2022 – 08/2022 Doctor in Training, Ophthalmology, HUCH (Helsinki University Central Hospital), Helsinki.

06/2022 – 07/2022 Doctor in Training, Nuclear Medicine, HUCH (Helsinki University Central Hospital), Helsinki.

02/2022 – 03/2022 General Physician, City of Helsinki, Puistolantie terveysasema, Helsinki.

02/2019– 05/2023 Clinical Researcher, Neuroimmunology and -Degeneration, Tienari Lab, Helsinki University Central Hospital (HUCH) and University of Helsinki, Helsinki. The clinical, epidemiological and genetic aspects of ALS associated with SOD1*D91A- and C9orf72-mutations. Principal investigator: Prof. Pentti Tienari.

04/2018 – 12/2018 Science Adviser, Research Council of Biosciences, Health and Environment, Academy of Finland, Helsinki.

06/2015 – 12/2018 Clinical Researcher (part-time), Department of Internal Medicine, Helsinki University Central Hospital (HUCH) and University of Helsinki, Helsinki.

09/2017 – 11/2017 Instructor in Philosophy (part-time), Finnish Society for Philosophy of Medicine, Helsinki.

07/2017 – 08/2017 Doctor in Training, Clinical Neurophysiology, HUCH (Helsinki University Central Hospital), Helsinki.

8/10 01/2016 – 06/2016 Instructor in Philosophy (part-time), University of Helsinki, Clinicum, Department of Public Health, Helsinki.

01/2015 – 08/2016 Clinical Researcher (full-time/part-time), The National Institute for Health and Welfare (THL), Helsinki.

Education and training

2025– Doctor in Training, Neurology, University of Helsinki.

2023–2025 Doctor in Specific Training in General Medical Practice, University of Helsinki.

2023– Master of Science (Data Science), University of Helsinki.

2023 Licentiate of Medicine (M.D.), University of Helsinki.

2012 D. Phil. (Philosophy), University of Helsinki. Specialized in Philosophy of Science.

2005 Master of Arts (Philosophy), University of Helsinki. Specialized in Logic. Secondary subjects: Computer Science, Mathematics, Science and Technology Studies

2004 Bachelor of Arts (Philosophy), University of Helsinki. Secondary subjects: Computer Science, Mathematics, Science and Technology Studies

Publications

- 2025 Alenius S, Miettinen ME, Nurhonen M, Salmi SJ, Näsänen-Gilmore P, Haaramo P, Tikanmäki M, Vääräsmäki M, Gissler M, Mäkitie O, Hovi P, Kajantie E: "Preterm birth and risk of bone fractures during childhood and early adulthood". *Journal of Bone and Mineral Research*, 2025. <https://doi.org/10.1093/ibmr/zjaf011>
- 2020 Kaivola K, Salmi SJ, Jansson L, Launes J, Hokkanen L, Niemi A-K, Majamaa K, Lahti J, Eriksson JG, Strandberg T, Laaksovirta H, Tienari PJ: "Carriership of two copies of C9orf72 hexanucleotide repeat intermediate-length alleles is a risk factor for ALS in the Finnish population". *Acta Neuropathologica Communications*, 8(1), [187]. <https://doi.org/10.1186/s40478-020-01059-5>
- 2020 Kaivola K, Salmi SJ, Jansson L, Launes J, Hokkanen L, Niemi A-K, Majamaa K, Lahti J, Eriksson JG, Strandberg T, Laaksovirta H, Tienari PJ: "Additional file 1 of Carriership of two copies of C9orf72 hexanucleotide repeat intermediate-length alleles is a risk factor for ALS in the Finnish population." *Acta Neuropathologica Communications*, 8(1), [187]. <https://doi.org/10.1186/s40478-020-01059-5>
- 2020 Salmi SJ, Hartikainen J, Biancari F, Lehto J, Nissinen M, Malmberg M, Yannopoulos F, Savolainen J, Airaksinen J, Nieminen T, Kiviniemi T: "Indications and predictors for permanent pacemaker implantation after isolated aortic valve replacement with bioprostheses: the CAREAVR study", *Interactive CardioVascular and Thoracic Surgery*. <https://doi.org/10.1093/icvts/ivaa119>
- 2020 Nissinen M, Lehto J, Biancari F, Nieminen T, Malmberg M, Yannopoulos F, Salmi SJ, Airaksinen J, Kiviniemi T, Hartikainen J: "Preoperative paroxysmal atrial fibrillation predicts high cardiovascular mortality in patients undergoing surgical aortic valve replacement with a bioprosthesis: CAREAVR study", *Clinical Cardiology*. <https://doi.org/10.1002/clc.23329>
- 2018 Salmi SJ: "Ludwik Fleck ja lääketieteellisen ajattelutavan analyysi. Huomioita diagnostisen ajattelun historiasta." *Tieteessä tapahtuu* 6/2018. <https://journal.fi/tt/article/view/76486>
- 2018 Nissinen M, Lehto J, Biancari F, Nieminen T, Malmberg M, Yannopoulos F, Salmi SJ, Airaksinen J, Kiviniemi T, Hartikainen J: "Preoperative paroxysmal atrial fibrillation predicts high cardiovascular mortality in patients undergoing surgical aortic valve replacement with a bioprosthesis: CAREAVR study". *European Heart Journal*, Volume 39, Issue suppl_1, 1 August 2018.
- 2018 Salmi SJ: "Pysyvän tahdistimen asennuksen indikaatiot ja riskitekijät potilaille, joille on asennettu biologinen aorttaläppäproteesi". *Sydänääni* 1/2018, Suomen kardiologinen seura.
- 2017 Lehto J, Malmberg M, Biancari F, Hartikainen J, Ihlberg L, Yannopoulos F, Riekkinen T, Nissfolk A, Salmi SJ, Nissinen M, Airaksinen J, Nieminen T, Kiviniemi T: "Occurrence and classification of cerebrovascular events after isolated bioprosthetic surgical aortic valve replacement: A competing risk analysis of the CAREAVR study". *Structural Heart*. <https://doi.org/10.1080/24748706.2017.1419327>
- 2017 Salmi SJ, Kiviniemi T, Lehto J, Malmberg M, Biancari F, Hartikainen J, Nissfolk A, Ihlberg L, Yannopoulos F, Riekkinen T, Nissinen M, Airaksinen J, Nieminen T: "Pacemaker implantation after isolated aortic valve replacement with bioprostheses". *European Heart Journal*, Volume 38, Issue suppl_1, 1 August 2017.
- 2017 Lehto J, Malmberg M, Biancari F, Hartikainen J, Ihlberg L, Yannopoulos F, Riekkinen T, Nissfolk A, Salmi SJ, Nissinen M, Airaksinen J, Nieminen T, Kiviniemi T: "Occurrence and classification of cerebrovascular events after aortic valve replacement with a bioprosthesis". *European Heart Journal*, Volume 38, Issue suppl_1, 1 August 2017.
- Posters (Published in Conference Proceedings)
- 2025 Heinonen S, Otava UE, Liitsola H, Salmi SJ, Seppä A, Udelius K, Schmidt I, Palmu AA: "Majority of vaccines studied in phase 1-3 clinical trials are granted a marketing authorization and will become tools for prevention of infections". *NSCIMD 2025, 41st Annual Meeting, Nordic Society of Microbiology and Infectious Diseases, Marienhamn, Finland, August 28–31, 2025*.
- 2018 Nissinen M, Lehto J, Biancari F, Nieminen T, Malmberg M, Yannopoulos F, Salmi SJ, Airaksinen J, Kiviniemi T, Hartikainen J: "Preoperative paroxysmal atrial fibrillation predicts high cardiovascular mortality in patients undergoing surgical aortic valve replacement with a bioprosthesis: CAREAVR study". *ESC Congress 2018, European Society of Cardiology, Munich, Germany, August 25–29, 2018*.
- 2017 Lehto J, Malmberg M, Biancari F, Hartikainen J, Ihlberg L, Yannopoulos F, Riekkinen T, Nissfolk A, Salmi SJ, Nissinen M, Airaksinen J, Nieminen T, Kiviniemi T: "Occurrence and classification of cerebrovascular events after aortic valve replacement with a bioprosthesis". *ESC Congress 2017, European Society of Cardiology, Barcelona, Spain, August 26–30, 2017*.
- 2017 Salmi SJ, Kiviniemi T, Lehto J, Malmberg M, Biancari F, Hartikainen J, Nissfolk A, Ihlberg L, Yannopoulos F, Riekkinen T, Nissinen M, Airaksinen J, Nieminen T: "Pacemaker implantation after isolated aortic valve replacement with bioprostheses". *ESC Congress 2017, European Society of Cardiology, Barcelona, Spain, August 26–30, 2017*.
- 2016 Salmi SJ, Alenius S, Näsänen-Gilmore P, Hovi P, Kajantie E: "Effects of preterm birth on bone health and fracture risk – Observations on the Finnish birth cohort 1987– 1990". *Conference on Epidemiological Birth Cohort Studies: 2nd Paula Rantakallio Symposium & 6th Conference on Epidemiological Longitudinal Studies in Europe, CELSE, Oulu, Finland, June 15–17, 2016*.

Projects

- 03/2024 –09/2025 Clinical Vaccine Research (Several clinical trials). FVR - Finnish Vaccine Research.
- MEQ00089 - Meningococcal conjugate vaccine A parallel-group, prevention, Phase III, modified double-blind, 2-arm, study to investigate the immunogenicity and describe the safety of a quadrivalent meningococcal conjugate vaccine (MenACYW conjugate vaccine) compared with Nimenrix® when administered in a 1+1 schedule in healthy infants and toddlers at 6 and 12 months of age.
- VAD00004 - Respiratory Syncytial Virus vaccine Phase III, randomized, observer-blind, placebo-controlled, multi-center, multinational study to evaluate the efficacy, immunogenicity, and safety of a Respiratory Syncytial Virus vaccine in infants and toddlers (PEARL).
- VAN00013 - Meningococcal ABCYW vaccine A parallel-group prevention, Phase II, partially blinded, multi-stage study to investigate the immunogenicity and safety of Pentavalent Meningococcal ABCYW Vaccine formulations compared with licensed meningococcal vaccines when administered alone in healthy children (2 to 9 years of age) or concomitantly with routine pediatric vaccines in toddlers (12 to 15 months of age) and infants (2 months of age).
- PSK04 – Pneumococcal conjugate vaccine A Phase 3, randomized, modified double-blind, active-controlled, parallel-group, 2-arm study to investigate the safety and immunogenicity of a 21-valent pneumococcal conjugate vaccine in healthy infants and toddler.
- mRNA-1647-P301 – Cytomegalovirus vaccine A Phase 3, Randomized, Observer-Blind, Placebo-Controlled Study to Evaluate the Efficacy, Safety, and Immunogenicity of mRNA-1647 Cytomegalovirus (CMV) Vaccine in Healthy Participants 16 to 40 Years of Age.

mRNA-1010-P304 – Seasonal Influenza vaccine A Phase 3, Randomized, Observer-blind, Active-controlled, Case-driven Study to Investigate the Safety, Efficacy, and Immunogenicity of mRNA-1010 Candidate Seasonal Influenza Vaccine Compared with a Licensed Inactivated Seasonal Influenza Vaccine in Adults ≥50 Years of Age.

C4601003 – Lyme Disease vaccine A Phase 3, Multicenter, Placebo-Controlled, Randomized, Observer-Blinded Trial to Evaluate the Efficacy, Safety, Tolerability, Immunogenicity, and Lot Consistency of a 6-Valent OspA-Based Lyme Disease Vaccine in Healthy Participants ≥5 Years of Age.

Zoster-101 – Herpes Zoster vaccine A phase 3b, open-label, multi-country, multi-centre, long-term follow-up study of ZOSTER-049 (follow-up of ZOSTER-006/022 studies) to assess the prophylactic efficacy, safety and persistence of immune response of a Herpes Zoster subunit vaccine and assessment of persistence of immune response and safety of 1 or 2 additional doses administered in ZOSTER-049 in 2 subgroups of older adults.

Memberships

2016– The Finnish Medical Society Duodecim

2017– The Finnish Society for Semiotics, Board Member 2017–2021

2017– The Academy of Cultural Heritages

2017– ESC – European Society of Cardiology

2018– Society for Social Medicine in Finland

2018– Finnish Medico-Historical Society

2018– The Finnish Association for Medical Law and Ethics, Board Member 2018-2021

Other Relevant Information

Areas of specialization (Medicine): clinical reasoning, diagnostic inference, epidemiology (biostatistics), register-based studies

Areas of competence (Medicine): genetics, neurodegeneration, ALS

Areas of specialization (Philosophy): philosophy of medicine, philosophy of neuroscience, formal methods in philosophy, philosophy of science, history of analytic philosophy

Areas of competence (Philosophy): phenomenology, philosophical logic, history of logic, history of philosophy, metaphysics, semiotics