

Personal details and date of CV

Name Poranen, Minna
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 Date of the CV 2nd of September, 2026

Degrees

16.6.2000 Doctor of Philosophy (major in Genetics), University of Helsinki (UH), Finland
 15.9.1995 Master of Science (Biology; major in Genetics), UH, Finland
 2.2.2009 Title of Docent, Molecular Virology, UH, Finland

Current employment

1.4.2022– Senior University Lecturer, Faculty of Biological and Environmental Sciences (FBES), UH.
Job description: Permanent Principal Investigator (PI) position: The holder of the position is a leader of a research group who develops teaching and research in the focus area of the position and supervises and teaches under- and postgraduate students.

Main additional roles currently at the UH are:

2021– Chair, Integrated Structural Cell Biology Research Infrastructure (RI) platform of Helsinki Institute of Life Science (Instruct-HiLIFE)

2017– Director, Biomolecular Complex Purification RI of Instruct-HiLIFE. The RI is part of the Finnish and European Structural Biology RI consortiums FINStruct & Instruct-ERIC

Previous work experience

1.9.2016–31.3.2022 University Lecturer, FBES, UH
 1.9.2011–31.8.2016 Academy Research Fellow, Department of Biosciences, UH
 1.9.2007–31.8.2011 Senior Postdoctoral Researcher, Academy of Finland Centre of Excellence (CoE) in Virus Research, Institute of Biotechnology (BI), UH
 17.6.2000–24.3.2006 Postdoctoral Researcher, CoE in Structural Virology and Sequencing & Genomics Laboratory BI, UH; Dept. of Biochemistry and Biophysics, University of Vilnius, Lithuania
 1.9.1995–7.6.2000 Doctoral Student, Department of Genetics, UH
 1994–1996 Teaching Assistant, Department of Genetics/Biosciences, UH (total 13 months)

Career breaks

14.7.2002–24.8.2003 and 24.3.2006–13.8.2007 Family leaves

Research funding and grants

Research funding obtained as project PI or co-PI (sums are the share of my group if co-funding)

• Jane and Aatos Erkko Foundation Donation (co-PI)	1.11.2023–31.10.2027	320 000 €
• Horizon Europe, ISIDORE JRA (co-PI, UH lead)	1.12.2023–31.5.2025	30 604 €
• ERANet SusCrop (co-PI)	1.6.2021–31.5.2025	150 000 €
• Research Council of Finland (RCF), Research Project (PI)	1.9.2020–31.8.2024	499 720 €
• EIT Food, COVID-19 Rapid Response Project (co-PI)	1.10.2020–31.12.2020	7 475 €
• Jane and Aatos Erkko Foundation Donation (PI)	1.1.2018–31.12.2021	407 764 €
• RCF, Research Programme on Synthetic Biology (PI)	1.9.2013–31.8.2017	702 665 €
• RCF, Research Fellow Position and Funding (PI)	1.9.2011–31.8.2016	1 038 850 €
• Sigrid Jusélius Foundation Research Grants (PI), 5 periods	1.6.2010–30.4.2025	1 021 600 €
• RCF, RI Funding (FIRI2016, 2019, 2021, 2024; co-PI)	1.1.2017–31.12.2029	984 263 €

Scientific impact, research output

- 123 peer-reviewed publications (<https://researchportal.helsinki.fi/fi/persons/minna-poranen/publications/>)
- Methods for high-quality dsRNA production for RNA interference applications in biomedicine and agriculture (Replicator RNAi kit with Finnzymes Ltd; Invention disclosure 2017); Method for enzymatic production of 2'-fluoro-modified dsRNA and siRNA molecules

Research supervision and teaching merits

- Faculty appointed supervisor/co-supervisor for 10 PhD students (3 ongoing) and for 13 Master's theses; Instructing 10 postdoctoral researchers (3 on-going); superior for 4 laboratory technicians.
- Pedagogical training 28 ects; 30 years' experience on university teaching/supervision
- Currently responsible for two virology laboratory courses, a viruses lecture series/workshop, and organization of virology laboratory trainings; Guiding teacher of BSc and MSc students

Awards and honours

- Supervision Work Acknowledgement, the China Scholarship Council, Beijing, China, 2014
- Excellence in Master Thesis Supervision Award, Faculty of Biosciences, UH, Finland, 2005
- The Best PhD Thesis Award, Viikki Research Group Organization, UH, 2000

Other key academic merits

Pre-examiner and peer review activities

2012– Pre-examiner for 5 doctoral dissertations and a title of docent application, UH, Finland
 2012– Peer review of funding applications: ERC AdG, ERA-Nets, Medical Research Council (UK)
 2011– Reviewer of Access Proposals for European RIs (Instruct Ltd./Instruct-ERIC, ISIDORE)
 2012– Referee for 21 scientific journals, e.g., Science, Nat Commun, Nat Struct Mol Biol, Nat Chem Biol, PNAS, PLoS Pathog, mBio, Virus Evol

Memberships in expert groups, steering groups, committees, and scientific organizations

- Member, Instruct-ERIC Access Committee, 2026–
- Member (voting member), FINStruct RI consortium steering group, Finland 2018–
- *Cystoviridae* Study Group Chair, International Committee on Taxonomy of Viruses (ICTV), 2016–
- Member, Bacterial Virus Subcommittee, ICTV, 2016–
- Member, European Cooperation in Science and Technology (COST) action FA0806, 2009–2013

Administrative responsibilities in the institutes of higher education

2022– Member, University Collegium, UH
 2018– Member, Faculty Council, Faculty of Biological and Environmental Sciences (FBES), UH
 2025– Expert member, MOLE Bachelor's Program board, UH
 2022– 2026 Vice Director, Microbiology and Biotechnology Doctoral Programme (MBDP)
 2021 Vice Member, Degree Programme Committee, Faculty of Agriculture and Forestry, UH
 2018– 2026 Member, Research Affairs Committee, FBES, UH
 2018– 2026 Member, HiLIFE RI Working Group on Shared Working Principles
 2017–2023 Board Member (Vice Director 2021), MMB Master's Programme, UH

Significant invited international lectures and experience of organising scientific meetings

- Session keynote, 12th, 13th, & 15th International Symposium on dsRNA Viruses, India 2015, Belgium 2018, Portugal 2025; Viruses of Microbes Conference, Wrocław, Poland, 2018
- Invited speaker, American Society for Virology's 38th Annual meeting, Minneapolis, USA, 2019
- Scientific advisory board member, 2019, Scandinavian Virology conference ScanVir
- Organization committee member, 2001, 17th Biennial Conference on Phage/Virus Assembly; 2009, COST FA0806 WG meeting; 2014 and 2024 Finnish Virology Days; 2019, 2022, 2025 Finnish Structural Biology meeting; 2025, 6th International Mycovirus Symposium