Curriculum vitae Tara Stanne

Personal data

Name	Tara Monique Stanne
Date, place of birth	11th November, 1979 in Halifax, NS, Canada
Affiliation	Inst Biomedicine, the Sahlgrenska Academy at University of Gothenburg
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1. Present positions

- 2022- present, Senior Research Scientist (*Forskare*) and co-group leader of Stroke Research Group, Institute of Biomedicine, Sahlgrenska Academy at University of Gothenburg, Gothenburg, Sweden
- 2022- present, 20% employment Department of Genetics and Genomics, Sahlgrenska University Hospital, Gothenburg, Sweden

2. Education

- 2007, PhD in Molecular Biology. Thesis title, "Structural and functional characteristics of cyanobacterial and chloroplastic Clp proteins [chaperones and proteases]," Dept. Biological and Environmental Sciences, University of Gothenburg. Supervisor: Prof Adrian Clarke
- 2001, Bachelor of Science (BSc, Honours) in Biochemistry, Mount Allison University, Canada

3. Postdoctoral fellowships

- 2010, Div. Cell and Molecular Biology, Imperial College London, London, UK
  - Subject: Molecular mechanisms underlying immune evasion in the parasite *Trypanosoma brucei*- focus on epigenetics and chromosome remodeling,
- 2007-2009, Dept. Biochemistry, The University of Oxford, Oxford, UK
  - Subject: Epigenetic mechanisms and chromosome remodeling in *Trypanosoma brucei*

4. **Associate Professor (Docent) in Cell and Molecular Biology**

2022- Institute of Biomedicine, the Sahlgrenska Academy at the University of Gothenburg, Sweden

5. Former positions

- 2014-2022, Senior Researcher (*Forskare)*, Institute of Biomedicine, the Sahlgrenska Academy at University of Gothenburg.
- 2011-2014, Biologist, Dept. of Clinical Genetics, Sahlgrenska University Hospital, Gothenburg
- 2011-2012, Biologist (75%), Dept. of Clinical Genetics, Sahlgrenska University Hospital, Gothenburg
- 2000, Research student, Dept. Plant Physiology, Umeå Universitet, Umeå
- 2000-2001, Research student, Dept. Biochemistry, Mount Allison University, Sackville, NB, Canada
- 1999, Teaching assistant, Dept. Chemistry, Dalhousie University, Halifax, NS, Canada.

6. Supervision of Ph.D. students

- Principal supervisor for: Malin Dorvall, MSc
- Co-supervisor for: Annie Pedersen, MD 2019; Martina Olsson, MSc 2020; Annelie Angerfors, MSe 2025
- Currently co-supervisor for: Cecilia Lagging, MD; Jesper Olsson, MSe (DDLS research school)

7. Career breaks

- Parental leave for 12 months (2014- 2015); parental leave 12 months (2017-2018); parental leave 12 months (2019-2020)

8. Funding

Principal applicant on the following grants:

- 2025 International Seer Insight Grant (2 000 000 SEK)
  Title: Leveraging proteogenomics to discover ischemic stroke subtype-specific protein isoforms
- 2024 Insamlingsstiftelsen for neurological research (50 000 SEK)
  Title: Blood-based biomarkers for improved stroke diagnostics
- 2025 Agneta Prytz-Folkes och Gösta Folkes stiftelse (150 000 SEK)
  Title: Neuroimaging and blood-based biomarkers for ischemic stroke outcome prediction
- 2025 Strokeförbundet (166 000 SEK)
  Title: Neuroimaging and blood-based biomarkers for ischemic stroke outcome prediction
- 2024 Strokeförbundet (88 000 SEK)
  Title: Hemostatic protein isoform identification in ischemic stroke
- 2024 Insamlingsstiftelsen for neurological research (145 000 SEK)
  Title: Neurological protein biomarkers of post-stroke cognitive impairments
- 2024 Per Olof Ahl foundation for neurological research (31 000 SEK)
  Title: Hemostatic proteoform identification in ischemic stroke patients
- 2024 John och Brit Wennerström foundation for neurological research (40 000 SEK)
  Title: Hemostatic proteoform identification in ischemic stroke patients
- 2023-24 Rune och Ulla Amlöv foundation for neurological research (110 000 SEK)
  Title: RNA Biomarkers in ischemic stroke subtypes and outcomes

Co-applicant (Prof. Christina Jern main applicant) on:

- 2026-2028 The Swedish Research Council (VR) 3 000 000 SEK (1 000 000 SEK/year)
  Title: On prothrombotic pathways and blood biomarkers in ischemic stroke.
- 2026-2028 The Swedish Heart Lung Foundation 6 000 000 SEK (2 000 000 SEK/year)
  Title: On prothrombotic pathways and blood biomarkers in ischemic stroke.
- 2025-2027 The Swedish State (ALF) 4 500 000 SEK (1 500 000 SEK/year)
  Title: Blood-based biomarkers for stroke – Towards improved diagnostics and outcome prediction
- 2024-2027: Data Driven Life Science (DDLS) Research School PhD student (3 250 000 SEK)
  Title: Towards precision medicine for ischemic stroke: Integrating clinical, neuroimaging, and molecular omics data using deep and machine learning-based approaches

9. Faculty examiner missions

- Committee member for the half-time seminar /doctoral theses at the Sahlgrenska Academy at Gothenburg University
  - Anders Törnell, Title: NOX2 polymorphisms in neurological diseases; Sahlgrenska Center for Cancer Research, Department of Infectious Diseases, Institute of Biomedicine; Principal supervisor Anna Martner; 2022-09-15
  - Malgorzata Marta Michalowska, Title: Enhancing post-stroke recovery by modulating astrocyte functions; Department of Clinical Neuroscience, Institute of Neuroscience and Physiology; Principal supervisor: Prof. Milos Pekny; 2024-01-18

10. Reviewer for international journals

Review manuscripts for the following journals:
e.g. Stroke, Neurology, BMC Neurology, Science Translational Medicine, European Stroke Journal, Journal of Stroke and Cerebrovascular Disease, Thrombosis Research, Thrombosis and Haemostasis, Journal of Thrombosis and Thrombolysis, Journal of Neuroinflammation, Scientific Reports

11. Invited speaker

- "Plasma protein profiling for prediction of ischemic stroke outcomes." 1st Nordic Olink Proteomics Translational Summit, Sigtuna, Sweden, November 21, 2023

12. Peer-reviewed oral presentations (selected)

- Hemostatic protein isoform characterization in ischemic stroke: A pilot mass-spectrometry study, 33rd Workshop of the ISGC, Seoul, Korea, September 25, 2025
- Protein signatures in etiologic ischemic stroke subtypes. 32nd Workshop of the ISGC, Marstrand, Sweden, May 15, 2025
- Plasma Brain-Derived Tau is highly correlated to stroke infarct volume and associated with functional outcome after ischemic stroke. Nordic Conference on Future Health, Trondheim, Norway, September 11, 2024
- Association of Plasma Brain-Derived Tau with Long-term Cognitive Outcome After Ischemic Stroke. 31st Workshop of the ISGC, Munich, Germany, April 26, 2024
- Plasma proteomic profiling of post-stroke functional outcome: the Sahlgrenska Academy Study on Ischemic Stroke (SAHLSIS), 30th Workshop of the ISGC, Boston USA, October 13th, 2023

13. Memberships of professional societies

- International Stroke Genomics Consortium (ISGC)

14. Awards and Honours

- Recipient of the 2025 Michele Sale Award for Women in Stroke Genetics, an internationally competitive mid-career award of the International Stroke Genomics Consortium (ISGC)

14. Peer-reviewed publications

- Approximately 65 peer-reviewed articles