

SUMMARY OF QUALIFICATIONS



Name: Anna Sofia Charlotta **Rostedt Punga**
Born: Sävsjö, Sweden, June 16th, 1978
Address: Clinical Neurophysiology, Uppsala University Hospital
Entrance 85, 3rd floor, 751 85 Uppsala
Lab: BMC; A2:2, Neuroscience
Contact: +46184714941
anna.rostedt.punga@neuro.uu.se

Degrees: **2003:** M.D. Uppsala University
2007: Ph.D. (Neuroscience) Uppsala University
2012: Specialist physician in Clinical Neurophysiology, Uppsala University Hospital
2014: Associate Professor (*Docent*) in Clinical Neurophysiology, Uppsala University

Current positions

- **Professor in Clinical Neurophysiology** (appointed in February 2020) and Head of the Research Unit (since 2015), Department of Neuroscience, UU
- **Consultant physician and section head**, Department of Clinical Neurophysiology, Uppsala University Hospital
- **Research group leader:** 4 PhD students, 1 postdoctoral fellow, 1 senior researcher, 1 research assistant and several clinical researchers, 2014-ongoing. The research group in Clinical Neurophysiology (Neuromuscular synapse), which I lead, is a large group within the Department of Neuroscience. It consists of clinical colleagues but also many PhD students and postdoctoral fellows. We work closely together on several projects within clinical neurophysiology to develop state of the art neurophysiological parameters in the diagnostic and follow-up settings. The translational platform I have managed to build with both clinical researchers associated with my research in the Department of Clinical Neurophysiology at the hospital as well as the model system for in vitro studies in muscles and neurons (Mea1k chip) is unique in the field of neurophysiology and neurological disorders. Our ongoing projects to find biomarkers to predict the clinical course of neuromuscular disorders, the valuable databases/biobanks linked to the patients as well as the Mea1k chip will allow for many important mechanistic neurophysiological studies.

SCIENTIFIC PRODUCTION

Original articles: 46; Review articles: 6; Letters: 1

First author publications: 20 Last author publications: 29

Bibliometric parameters – H-index: 14; citations: 528 (440 without self-citations; Web of Science).

i10-index: 21 (according to Google Scholar)

Average 9.83 citations per publication and average of 37.21 citations per year.

External research funding obtained in international or national competition as principal applicant **TOTAL: 18 873 020 SEK**

Ongoing funding:

- ❖ **Swedish Research Council (Vetenskapsrådet)** (Dnr 2014-02048 and 2014-07603, renewed 2017-10; 3+3 years): combined Clinical Research position half time as well as running costs grant. Panel: Medicine and Health. "Towards deeper understanding of miRNA in model disorders for autoimmunity and neuromuscular transmission."
5 600 000 SEK (2015-2017) + **5 600 000 SEK** (2018-2020)
- ❖ **Swedish Research Council (Vetenskapsrådet)** (Dnr 2016-02184): Panel VR-3R.

(2017-2019) "Novel microtechnology cell-based model system for studies of neurological disorders in human." **2 100 000 SEK**

- ❖ **The Göran Gustafsson foundation for medical research** (2018-2020): **2 500 000 SEK**
- ❖ **Hjärnfonden** (2018): "Novel microtechnology-based cell model system to study neurological diseases". **500 000 SEK**
- ❖ **Hjärnfonden** (2019): "Novel microtechnology-based cell model system to study neurological diseases". **600 000 SEK**
- ❖ **The foundation Olle Engkvist Byggmästare** (2019) (Dnr 197-0235): "New microtechnological cellmodelsystem to study neurological disorders". **1 180 000 SEK**
- ❖ **Margarethahemmets foundation** (2019): "Novel microtechnological cellmodelsystem to study epilepsy " **150 000 SEK**

Selected academic distinctions and other merits

- The *Göran Gustafsson Award*, Eberhardt Pfeleiderer Prize from the *German Myasthenia Gravis Association*, Svenska Sällskapet för Medicinsk Forskning (SSMF) Postdoctoral fellowship. *Scientific Research Council* (VR) Clinical Researcher position
- **Reviewer** for research applications at the *Norwegian Research Council* and at the *Swedish Research Council* (VR: MH-D1 Review Panel, Neurology)
- **Research Group Leader** and **Academic representative** (*ämnesföreträdare*) in Clinical Neurophysiology, Department of Neuroscience, UU
- Member of the **Research and Education Committee** as well as the **Board of the Department of Neuroscience**, UU.
- Member of the **management-team** in Clinical Neurophysiology (*Iedningsgruppen*), Uppsala University Hospital
- **Teacher and examiner for several courses**, medicine and biomedicine undergraduate program and master courses, UU

Supervision of PhD students: Main supervisor: 3 completed, 4 ongoing;
Co-supervisor: 1 completed, 3 ongoing

Editor and reviewer for scientific journals

- ❖ **Associate editor** for BMC Neurology since 2017 - 2019 (ongoing)
- ❖ **Reviewer for several international peer-reviewed journals**, including Brain, Muscle & Nerve, Neurology, European Journal of Neurology, Annals of the New York Academy of Sciences, Neuromuscular disorders, Journal of Neuroimmunology, Medical Case reports, Clinical Neurophysiology, PLoS One etc.

National and International Awards

2017: Göran Gustafssons Award for Young Researchers in medicine (2.5 million SEK)

2011: Eberhardt Pfeleiderer Prize from the German Myasthenia Gravis Association (Deutsche Myasthenie Gesellschaft),

Former Research Training and Positions

- **2009-04 - 2010-09** (17 months): Postdoctoral researcher at Department of Neurobiology/Pharmacology, Biozentrum, University of Basel, Switzerland. Supervisor: Professor Markus Rüegg.
- **2003-2007:** Graduate training in the department of Neuroscience, Clinical Neurophysiology. PhD February 2007. Title of thesis: "MuSK antibody (+) versus AChR antibody (+) Myasthenia Gravis: clinical, neurophysiological and morphological aspects. Main supervisor: Professor Erik Stålberg.