

Dr. Tina Pangrsic Vilfan

GENERAL INFORMATION

Date of birth: 28.11.1977

Gender: female

Address of institution: JRG Synaptic physiology of mammalian vestibular hair cells
Institute for Auditory Neuroscience
University Medical Center Göttingen
Robert-Koch-Str. 40
37075 Göttingen
Auditory Neuroscience Associated Group
Max-Planck-Institute for Experimental Medicine
Herrmann-Rein-Str. 3
37075 Göttingen

Tel.: +49 (0)551 61945

E-mail: tpangrs@gwdg.de

Current position: Associate Professor for Experimental Otology at the Dept. of Otolaryngology, University Medical Center Göttingen

ACADEMIC EDUCATION

2001 – 2006 Ph.D. study of Biomedicine, Medical School, University of Ljubljana
1996 – 2001 Biotechnical Faculty, Department of Biology, University of Ljubljana
1996 – 2000 Academy of Music, University of Ljubljana.

SCIENTIFIC DEGREES

2006 Ph.D. in Medical Sciences, University of Ljubljana (Prof. Dr. Marko Kreft).

PROFESSIONAL CAREER AFTER COMPLETING DEGREE

Since 2019 – Associate Professor for Experimental Otology at the Dept. of Otolaryngology, University Medical Center Göttingen

2013 - 2019 Junior research group leader, Group: »Synaptic physiology of mammalian vestibular hair cells«, University Medical Center Göttingen.

12/2006 – 2012 Postdoctoral fellow in the InnerEarLab, Dept. of Otolaryngology, University Medical Center Göttingen.

MISCELLANEOUS

Fellowships, Awards and Honors

Since 2019	DFG Grant B09 within the Collaborative Research Center SFB889 (4 years, ca. 250.000 €)
2015 – 2019	DFG Grant PA 2769/1-1 within the Priority Program SPP1608 (3 years).
2013	<i>Wissenschaftspreis Niedersachsen</i> (Science Prize of Lower Saxony)
2011	ADANO research award - awarded by German Society of Oto-Rhyno-Laryngology, Head and Neck Surgery.
2010	Ernst-Preuss research award - awarded by Uni. Medical School Göttingen
2006-2008	Humboldt Research Fellowship.
2009	<i>Zlati znak Jozefa Stefana</i> (Jozef Stefan Golden Emblem Prize).
2003-2006	Young Scientist Research Grant from the Ministry for science and education, Slovenia.
2001	<i>Jesenkovo priznanje</i> (best student of the graduation class)
1992-2006	Awards at several national competitions in mathematics, logics and flute
1992-2001	Zois foundation fellowship – undergraduate research grant.

Further Scientific Activities

Since 2011	Associate Member of the Developmental, Neural and Behavioral Biology (DNB) and Sensory and Motor Neuroscience (SMN).
------------	--

SELECTED PUBLICATIONS (*with scientific assurance*)

- 1) **Pangršič T***, Gabrielaitis M*, Michanski S, Schwaller B, Wolf F, Strenzke N, Moser T. (2015) EF-hand protein Ca²⁺ buffers regulate Ca²⁺ influx and exocytosis in sensory hair cells. PNAS 112, E1028-37.
- 2) Weiler S, Krinner S, Wong AB, Moser T, **Pangršič T**. (2014) ATP hydrolysis is critically required for function of Ca_v1.3 channels in cochlear inner hair cells via fueling Ca²⁺ clearance. J Neurosci. 34, 6843-8.
- 3) Gregory FD*, **Pangrsic T***, Calin-Jageman IE*, Moser T, Lee A. (2013) Harmonin enhances voltage-dependent facilitation of Ca_v1.3 channels and synchronous exocytosis in mouse inner hair cells. J Physiol. 591, 3253-69.
- 4) Gregory FD*, Bryan KE*, **Pangrsic T***, Calin-Jageman IE, Moser T, Lee A. (2011) Harmonin inhibits presynaptic Ca_v1.3 Ca²⁺ channels in mouse inner hair cells. Nat Neurosci. 14, 1109-11.
- 5) **Pangrsic T**, Lasarow L, Reuter K, Takago H, Schwander M, Riedel D, Frank T, Tarantino LM, Bailey JS, Strenzke N, Brose N, Müller U, Reisinger E, Moser T. (2010) Hearing requires otoferlin-dependent efficient replenishment of synaptic vesicles in hair cells. Nat Neurosci. 13, 869-876.

* equal contribution