

## 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  
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Current position: Junior resesarch group leader at the Institute for Auditory Neuroscience, 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 2013 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 2015	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	<i>Zois</i> 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).
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## SELECTED PUBLICATIONS (*with scientific assurance*)

- 1) Pangršič T\*, Gabrielaitis M\*, Michanski S, Schwaller B, Wolf F, Strenzke N, Moser T. (2015) EF-hand protein  $Ca^{2+}$  buffers regulate  $Ca^{2+}$  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  $Ca^{2+}$  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  $Ca_v1.3$   $Ca^{2+}$  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