

General information

Born: 24.01.1990

Gender : Male

Address of institution: Institut for Auditory Neuroscience
University Medical Center Göttingen
Robert-Koch-Str. 40
37075 Göttingen

Tel.: +49 551 39 61941

E-mail: antoine.huet@med.uni-goettingen.de

Current position: Junior Group Leader “Auditory Circuit lab”, Institute for Auditory Neuroscience & InnerEarLab, University Medical Center Göttingen

Academic education

2013 – 2016 PhD program in Biological and Chemical Sciences Related to Health, University of Montpellier (Montpellier, France)

2011 – 2013 Master degree in Audiology and Auditory Neuroscience, University of Montpellier 1 (Montpellier, France).

2008 – 2011 Bachelor degree in Audiology, Institut libre Marie-Haps (Brussel, Belgium).

Professional career after completing degree

Since 2021 Junior Principal Investigator fellow of the MBExC Cluster of Excellence and Junior Group Leader, Auditory Circuit Lab, Institute for Auditory Neuroscience, University Medical Center Göttingen, Germany

Aug 2019 – Dec 2020 Research Associate, Institute for Auditory Neuroscience, University Medical Center Göttingen, Germany

May 2017 – Jul 2019 Postdoctoral fellow (with T. Moser), Institute for Auditory Neuroscience, University Medical Center Göttingen, Germany

Jan 2017 – Mar 2017 Postdoctoral fellow (with J-L. Puel and J. Bourien), Institut des neurosciences de Montpellier, INSERM U1051, France

Fellowships, awards and honors

2021 Junior Principal Investigator fellow of the MBExC Cluster of Excellence, Göttingen, Germany

2017 2nd best PhD thesis award in Audiology, *Centre d’Investigation et de Recherche en Audiologie*, Lyon, France.

2013 Best scientific poster award, *35ème congrès des audioprothésistes*, Paris, France.

Selected publications (with scientific assurance)

1. **A. Huet**, C. Batrel, J. Wang, G. Desmadryl, R. Nouvian, J-L. Puel, J. Bourien (2019) Sound Coding in the Auditory Nerve: From Single Fiber Activity to Cochlear Mass Potentials in Gerbils. *Neuroscience*, **407**:83-92.
2. C. Wrobel*, A. Dieter*, **A. Huet**, D. Keppeler, C. J. Duque-Afonso, C. Vogl, G. Hoch, M. Jeschke, T. Moser (2018) Optogenetic stimulation of cochlear neurons activates the auditory pathway and re-stores auditory-driven behavior in deaf adult gerbils. *Science Translational Medicine* 10, **eaao0540**. *equal contribution
3. **A. Huet**, G. Desmadryl, T. Justal, R. Nouvian, J-L. Puel, J. Bourien (2018) The Interplay Between Spike-Time and Spike-Rate Modes in the Auditory Nerve Encodes Tone-In-Noise Threshold. *Journal of Neuroscience* **38**(25):5727.
4. C. Batrel, **A. Huet**, F. Hasselmann, J. Wang, G. Desmadryl, R. Nouvian, J-L. Puel, J. Bourien (2017) Mass Potentials Recorded at the Round Window Enable the Detection of Low Spontaneous Rate Fibers in Gerbil Auditory Nerve; *PLOS One* **12**(1): e0169890.
5. **A. Huet**, C. Batrel, Y. Tang, G. Desmadryl, J. Wang, J-L. Puel, J. Bourien (2016) Sound coding in the auditory nerve of gerbils; *Hearing Research* **338**: 32.