Naoki Yamawaki

Department of Biomedicine
Høegh-Guldbergsgade 10
Aarhus University
8000 Aarhus C

Email: naoki.yamawaki@biomed.au.dk
ORCID: 0000-0001-8253-2059

Education

09/2001-07/2005 BSc (Hons) in Biomedical Sciences with Physiology, 1st class
University of Aberdeen, Aberdeen, U.K.

01/2006-01/2009 PhD in Neurophysiology
Aston University, Birmingham, U.K.

Research Positions

10/2008-09/2011 Postdoctoral research fellow
Aston University, Birmingham, U.K.

11/2011-10/2020 Research Associate
Northwestern University, Chicago, USA

11/2020-present Associate Professor
Aarhus University, Aarhus, Denmark

Selected publications (* co-corresponding author)

1. Shepherd GMG and **Yamawaki N***. (2021) Untangling the cortico-thalamo-cortical loop: cellular pieces of a knotty circuit puzzle.
Nature Reviews Neuroscience. 10.1038/s41583-021-00459-3

2. **Yamawaki N***, Li X, Lambot L, Ren L, Radulovic J, and Shepherd GMG. (2019) Long-range inhibitory intersection of a retrosplenial thalamocortical circuit by apical tuft-targeting CA1 neurons.
Nature Neuroscience. 22(4): 618-626

3. **Yamawaki N**, Corcoran K, Guedea A, Kim J, Shepherd GMG, and Radulovic J (2018) Different excitatory hippocampal-cortical projections process discrete components of episodic memories.
Cerebral Cortex, doi: 10.1093/cercor/bhy142

4. **Yamawaki N***, Radulovic J and Shepherd GMG. (2016) A corticocortical circuit directly links retrosplenial cortex to M2 in the mouse.
Journal of Neuroscience. 36(36): 9365-9374

5. **Yamawaki N** and Shepherd GMG. (2015) Synaptic circuit organization of motor corticothalamic neurons.
Journal of Neuroscience. 35(5): 2293-2307

6. **Yamawaki N**, Borges K, Suter BA, Harris KD and Shepherd GMG. (2014) A genuine layer 4 in motor cortex with prototypical synaptic circuit connectivity. *eLife.* 3:e05422

7. **Yamawaki N**, Stanford IM, Hall SD and Woodhall GL. (2008) Pharmacological induced and stimulus evoked rhythmic neuronal oscillatory activity in the primary motor cortex (M1) in vitro.
Neuroscience. 151: 386-395.