



## PERSONAL DETAILS

Name: János Brunner

Date of birth: 5th September 1983

Place of birth: Pápa, Hungary

Nationality: Hungarian

## STUDIES

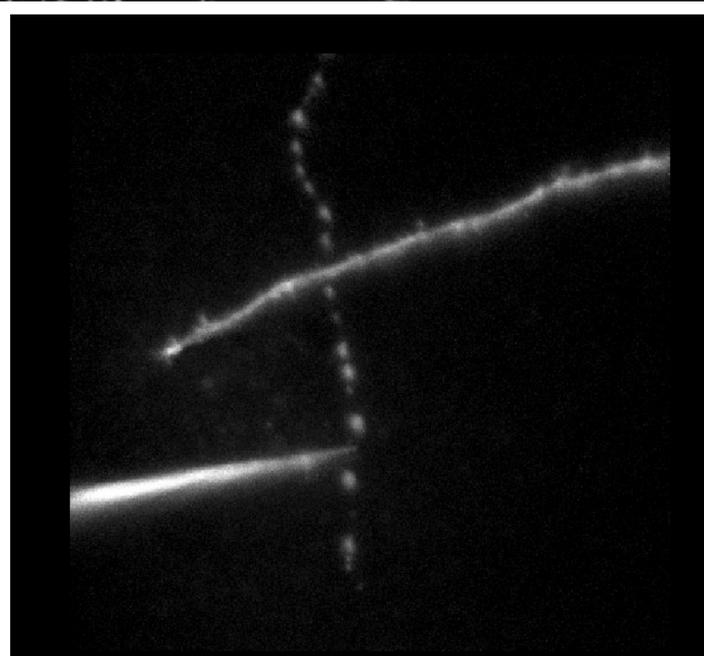
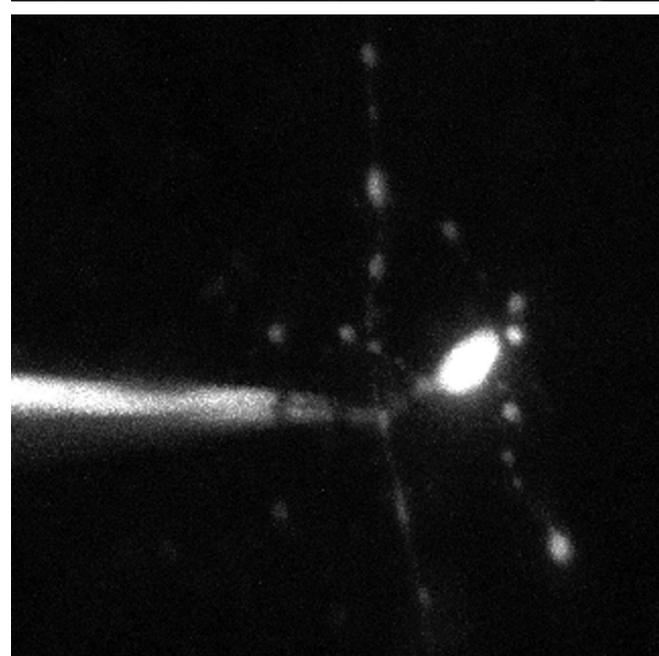
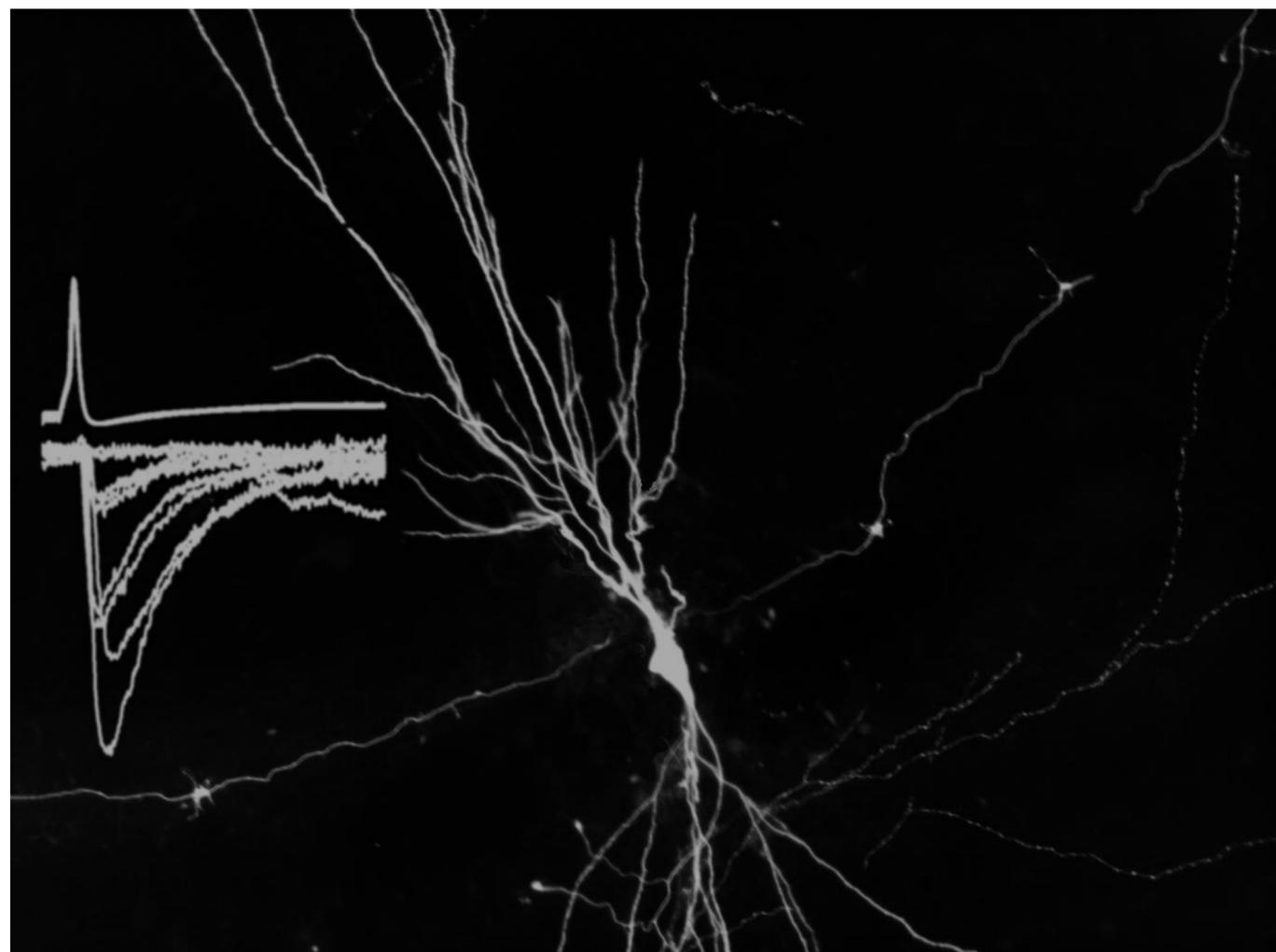
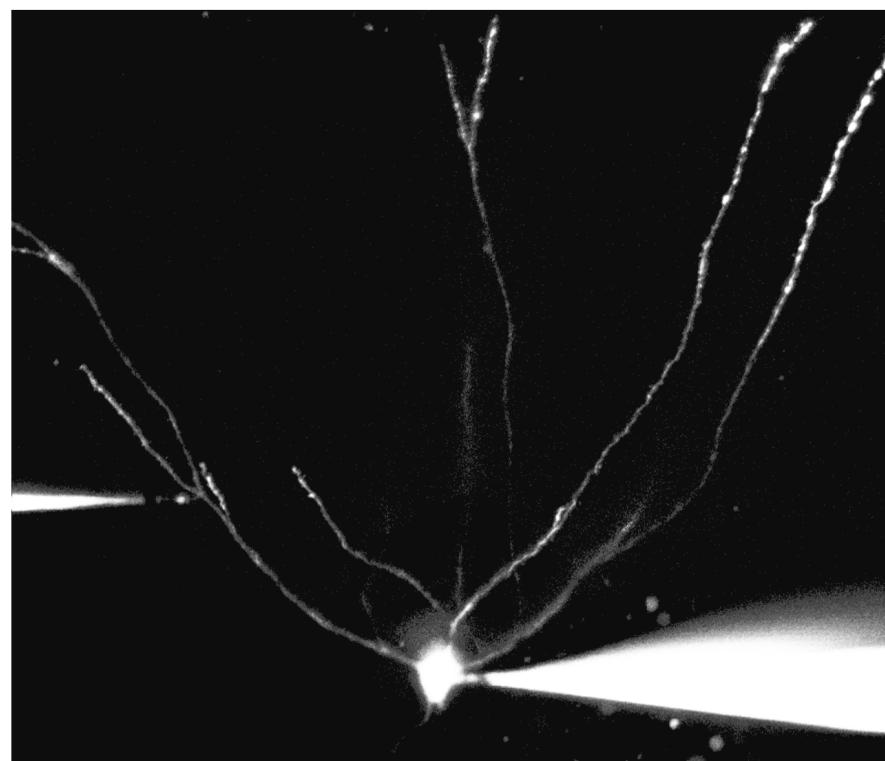
2002-2008

Molecular Biology MSc, University of Debrecen

2011-2018

Semmelweis University, János Szentágothai Neuroscience PhD

School, Functional Neurosciences



## PUBLICATION LIST

M Neubrandt, VJ Oláh, J Brunner, E Marosi, I Soltesz, J Szabadics 2018. **Single bursts of individual granule cells functionally rearrange feed-forward inhibition.** Journal of Neuroscience, 1595-17

M Neubrandt, VJ Oláh, J Brunner, J Szabadics. 2017. **Feedforward inhibition is randomly wired from individual granule cells onto CA3 pyramidal cells.** Hippocampus

J Brunner, J Szabadics 2016. **Analogue modulation of back-propagating action potentials enables dendritic hybrid signalling.** Nature communications 7, 13033

Brunner, J., Neubrandt, M., Van-Weert, S., András, T., Borgmann, F. B. K., Jessberger, S., & Szabadics, J. 2014. **Adult-born granule cells mature through two functionally distinct states.** eLife, 3, e03104.

Brunner, J., Ster, J., Van-Weert, S., Andrasi, T., Neubrandt, M., Corti, C., Corsi, M., Ferraguti, F., Gerber, U., & Szabadics, J. 2013. **Selective Silencing of Individual Dendritic Branches by an mGlu2-Activated Potassium Conductance in Dentate Gyrus Granule Cells.** Journal of Neuroscience, 33(17): 7285-7298.

Szabadics, J., Varga, C., Brunner, J., Chen, K., & Soltesz, I. 2010. **Granule Cells in the CA3 Area.** Journal of Neuroscience, 30(24): 8296-8307.