

Name: Teadora Tyler
Date of birth: 04. 10. 1996
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Experience

2016 – 2020 **Semmelweis University**
Department of Anatomy, Histology and Embryology
Undergraduate research student

2018.05.01. –
2019. 07. 30;
2020. 02.01. –
2020. 06.30. **Semmelweis University**
Department of Anatomy, Histology and Embryology
Laboratory assistant

2018.01.07. –
2019.02.02. **University of Oxford**
Department of Physiology, Anatomy and Genetics
Visiting researcher

2019. 08. 30. -
2019. 09. 08. **University of Copenhagen**
Biotech Research and Innovation Centre
Visiting researcher

2019. 10. 23 -
2019. 10. 26.,
11. 16- 11. 19. **University of Zagreb**
Croatian Institute for Brain Research
Visiting researcher

2022. 09. 07. – 09. 14. Summer School of Single Cell
Charles University, Pilsen, Czech Republic

Highlighted publications:

Batiuk MY*, Tyler T*, Dragicevic K, Mei S, Rydbirk R, Petukhov V et al. Upper cortical layer-driven network impairment in schizophrenia. Sci Adv. 2022 Oct 14;8(41):eabn8367. doi: 10.1126/sciadv.abn8367. (*megosztott első szerzők)

Adorjan I, Sun B, Feher V, Tyler T, Veres D, Chance SA, Szele FG. Evidence for Decreased Density of Calretinin-Immunopositive Neurons in the Caudate Nucleus in Patients With Schizophrenia. Front Neuroanat. 2020 Nov 13;14:581685. doi: 10.3389/fnana.2020.581685.

Highlighted conference poster:

Tyler T, Frank E, Fehér V, Somogyi E, Sáfár K, Roszík L, Adorjan I. 2022. Prefrontal calretinin interneurons are impaired in schizophrenia. IBRO Workshop, Budapest, Hungary

Education:

2022 – (2024)	Semmelweis University <u>Health interpreter and translator training</u>
2020 – (2024)	Semmelweis University Szentágothai János Doctoral School <u>PhD student</u>
2018 – 2020	University of Veterinary Medicine Masters' Degree in Biology
2015 – 2018	University of Veterinary Medicine Bachelors' Degree in Biology
2011 – 2015	ELTE Apáczai Csere János High School

Languages:

English	advanced (C1 complex)
German	beginner
Italian	beginner

Qualities:

- **Wet-lab experience** (frozen/paraffin-embedded and cryostat sectioning, immunohistochemistry, RNA extraction, RT-qPCR, gel electrophoresis, digital slide scanning)
- **Statistical analysis** (R language), QGIS, FIJI – ImageJ, Aperio Imagescope, quantitative image analysis, transcriptomic data analysis (single cell or bulk RNA sequencing; Seurat, Harmony)
- Handling of rodents, birds, insects (3 years' experience as volunteer zookeeper)