



We are seeking talented and motivated candidate to join a research team headed by Dr. Lukáš Čajánek at Masaryk University, in Brno, Czech Republic. The selected candidate will have an opportunity to work on following projects:

- 1. Impact of centrosome abnormalities on human embryonic stem cells and their differentiated progeny**
- 2. Molecular mechanisms controlling formation of primary cilia in human cells**

The position is supported by funding from Czech Science Foundation (GACR), and Swiss National Science Foundation (SNSF).

Relevant literature:

Bryja V, Červenka I, and Čajánek L. *The connections of Wnt pathway components with cell cycle and centrosome: side effects or a hidden logic?* Crit Rev Biochem Mol Biol, 2017.

Čajánek L, Nigg EA. *Cep164 triggers ciliogenesis by recruiting Tau tubulin kinase 2 to the mother centriole.* PNAS, 2014.

Bhogaraju S, Čajánek L, et al. *Molecular basis of tubulin transport within the cilium by IFT74 and IFT81.* Science, 2013.

We expect the selected candidate to:

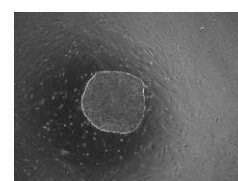
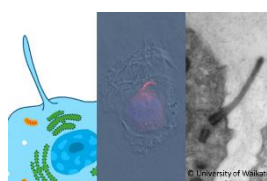
- Be interested and motivated to tackle scientific problems, formulate hypothesis and ways how to address them
- Be smart, self-driven, collaborative and eager to learn
- Have a background in molecular and/or cell biology

What we offer:

- Work on interesting and challenging projects
- Dynamic and informal research environment with state of the art instrumentation and international collaborations
- Opportunities to learn to be an independent scientist (writing student's grants, manuscripts, presenting data, project management etc.)

Start: September 2018 or upon agreement

Interested? → Send your CV + motivation letter or informal inquiry to cajanek@med.muni.cz



**Lukas Cajanek, Ph.D., Assistant professor
FEBS Distinguished Young Investigator & SNSF PROMYS grantee**

Masaryk University, Faculty of Medicine, Department of Histology and Embryology, Kamenice 3, 625 00 Brno, Czech Republic
T: +420 549 49 6248, E: cajanek@med.muni.cz, Web: <http://www.cajaneklab.com>