



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

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

The positions are supported by funding from Czech Science Foundation (GACR), Federation of European Biochemical Societies (FEBS), and Swiss National Science Foundation (SNSF).

Relevant literature:

Nigg EA, Čajánek L, Arquint C. *The centrosome duplication cycle in health and disease*. FEBS Letters, 2014.

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.

Requirements:

Postdoc position

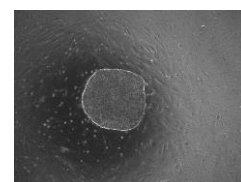
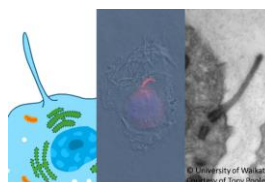
- Ph.D. in cell biology, biochemistry, molecular biology, or related fields
- Highly motivated, self-driven, and able to work independently
- Collaborative attitude with good communication skills

Ph.D. student position

- Background in molecular and/or cell biology
- Interest and motivation to pursue a research project
- Collaborative attitude with good communication skills

Start: January 2017 or upon agreement

Contact: cajanek@med.muni.cz



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

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