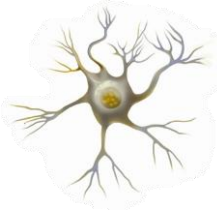




PhD Students Wanted!



Are you:

- looking for a **PhD position** now/starting in September **2018**?
 - curious about **human embryonic stem cells**?
 - familiar with **molecular or cell biology**?



Look no more - We want you!



Our group:

- uses human embryonic stem cells to model neural differentiation *in vitro*. Using several model systems, we study:

1. Molecular mechanisms of neural differentiation

How is the differentiation regulated on a molecular level?

Is cell division cycle involved?

Do microRNA contribute to this process?

2. Cerebral organoids, Alzheimer's disease and p53

Can we create "minibrains" in the dish?

Can we model Alzheimer's disease *in vitro*?

Is p53 protein necessary for neuronal development?

We are looking for PhD candidate(s):

- fascinated by how cells differentiate and how this process is regulated
- familiar with basic methods of molecular biology and/or cell culture
- able to work independently on their own project and also willing to help others when needed
- eager to apply for their own (student's) grants and attend scientific conferences
- friendly, outgoing, and smart

You will gain experience in:

- human embryonic stem cell culture and differentiation protocols
- basic and advanced molecular biology techniques
- data evaluation and presentation
- grant proposal and manuscript writing
- ...and more!

All nationalities welcome!

How to apply:

Send a letter of interest and CV to **Dáša**

Bohaciaková, PhD

bohaciakova@med.muni.cz

Department of Histology and Embryology

Faculty of Medicine

Masaryk University Brno, Czech republic

www.med.muni.cz/histology/

