

## Post-doc in epigenetics of hematopoiesis

We are offering a position for a post-doctoral fellow within the research team of Dr. Manlio Vinciguerra, at the International Clinical Research Center of St. Anne's University Hospital in Brno (FNUSA – ICRC). We are seeking a motivated post-doc who will join the Laboratory of Epigenetics, Metabolism and Aging (EMA), within the Center for Translational Medicine (CTM).

**Project:** characterizing new epigenetic mechanisms involved in hematopoiesis, resistance to DNA damage and aging.

**Start Date:** mid-September / October 2017

### About FNUSA-ICRC

The International Clinical Research Center of St. Anne's University Hospital in Brno (FNUSA-ICRC), Czech Republic is a new-generation research center focusing on the pathogenesis of diseases including finding new methods, technologies and medicaments for effective prevention, early diagnostics and individualized treatment.

We are a top Central European research center with more than 200 researchers, new technologies and experience in using EU grant support. We focus on research and development in the fields of cancer, immunological, cardiovascular and neurological diseases. Our partners are world-class research centers and universities. For more reference, you can see our website: <http://www.fnusa-icrc.org/en/>

### Job Description:

We invite applications for a post-doc from applicants with an enthusiastic interest in cell biology, epigenetics and stem cells (both embryonic and adult). The successful candidate will work under the supervision of Dr. Vinciguerra to identify and characterize novel epigenetic mechanisms (histone variants, DNA methylation) involved in defective haematopoiesis following irradiation-induced DNA damage, which have an impact on cancer and radiation workers.

For lab references: <https://www.ncbi.nlm.nih.gov/pubmed/?term=vinciguerra+m%2C+macroh2a1>

### Desirable Qualifications:

- The post-doc candidate should hold a PhD in cell biology, molecular biology, biochemistry, animal sciences, medicine or similar field.
- Experience in cell cultures, western blotting, qPCR, confocal microscopy, flow cytometry, sequence analyses.
- Experience in stem cell cultures (iPS, ESC) is strongly preferred.
- Basic knowledge of bioinformatics and next generation sequencing (NGS).
- Fluency in English language is required.
- The applicant should be well-organised, motivated and passionate about pursuing a career in biomedical research.
- The applicant should have a team-driven mentality.

### We offer:

- The offered projects contribute to a rapidly advancing, very competitive field.
- The lab hosts international team members, has a strong publication track record and international collaborations.
- We offer a fully funded position with competitive salary in a well-established laboratory, within an international and friendly environment.
- We offer regular participation to national and international conferences.



- The successful candidate can start immediately.

#### How to apply:

Please submit your application, including CV with 2 academic referees and a cover letter to: [manlio.vinciguerra@fnusa.cz](mailto:manlio.vinciguerra@fnusa.cz).

Informal inquires can be directed to Dr. Vinciguerra ([manliovinciguerra@gmail.com](mailto:manliovinciguerra@gmail.com)) or Ms. Tereza Kejdova ([tereza.kejdova@fnusa.cz](mailto:tereza.kejdova@fnusa.cz)).

**Application deadline is August 15<sup>th</sup> 2017.** We are looking forward to hearing from you!

#### Selection process:

All received applications will be reviewed carefully, with focus on the excellence of candidates. Shortlisted will be contacted and invited for an interview.

#### Disclaimer:

We are pleased to consider all qualified applicants for employment without regard to age, gender, marital status, sexual orientation, race, color, religion, ethnicity, disability, national origin, nationality, political opinion or any other aspect unrelated to work.

By responding to this invitation and/or sending your CV and any other personal materials to St. Anne's University Hospital, you consent to the collection, processing and storage of your personal data in accordance with Act No. 101/2000 Coll., the protection of personal data. You are providing St. Anne's University Hospital with these data solely for the purpose of mediating employment, the period however being no longer than one year from submitting. Should you not reclaim the materials submitted by you, they will be discarded after the period has expired.

