

Postdoc position(s) available at the Laboratory of Immunogenomics and Immunoproteomics

1 January 2013 – 30 June 2015

Postdoctoral position available: The project aim is to dissect molecular pathways of lung inflammation in sarcoidosis, a systemic immune disease of yet unknown origin mostly affecting the lung. The emphasis will be on the role of inflammatory and regulatory mediators (chemokines, cytokines and their receptors), which drive the accumulation and activation of immune cells in the lung and regulate disease progression. Molecular biology and OMICS approaches will be used to delineate role of individual molecules/genes from the families of Th17 cytokines, CC chemokines etc. on RNA/miRNA, protein and gene level. The project includes a 4-month stay abroad at a collaborating research laboratory (Freiburg, London).

**Specific requirements:**

- a successful candidate must have received her/his PhD in any branch of bio-medical sciences after 28 March 2008
- strong background in molecular biology and/or related disciplines (biochemistry, genetics, laboratory medicine) demonstrated through own peer reviewed publications (*publications represent the main selection criterion*)
- previous experience with this specific research area is not necessary, knowledge of bioinformatics is advantage, good command of English is required, the candidate is expected to run a 14hr seminar on her/his methodologies and their research application for Ph.D. students.
- Scientific motivation, innovative thinking, perseverance and ability to work on parallel tasks is welcome

**Contract:**

Employer: Palacký University Olomouc, CZ ([www.upol.cz](http://www.upol.cz))

- Starts on January 1, 2013.
- Position is available for a fixed-term basis for up to 30 months with possibility for an extension based on results.
- The offered salary (40 thousand CZK/month incl. allowances, =approx. 1.6 thousand Euro, i.e 2.0 thousand USD; 25-30% to be deducted for tax and social/health insurance) is well above the average salary in the Czech Republic. It will enable you to live in fully standard conditions and participate in the local Czech culture and travel to get known the country.

- Adequate bench-space in new laboratories, access to state of art technological facilities including genomics (NGS) and proteomics/metabolomics machinery at the recently opened purpose built infrastructure within EU funding.
- Travel money to participate at meetings (2 annually incl. U.S.) and generous allowance for reagents /consumables guaranteed, with additional reagents from the Lab grants.

More information in the publication / other sections of the lab website: [www.dr-petrek.eu](http://www.dr-petrek.eu), enquiries: [martin.petrek@fnol.cz](mailto:martin.petrek@fnol.cz) Dr. Petrek, Principal investigator. Closing date: August 18, 2012. Applications for the position (with professional c.v. including list of publications and research/scholarly funding) should be submitted by e-mail to: [gabriela.strakova@fnol.cz](mailto:gabriela.strakova@fnol.cz). Two letters of recommendation, preferably from Ph.D. supervisor and if applicable, from previous postdoc posts, should be sent directly to the same contact email. The selected candidate(s) will be notified by the end of September.