Postdoc position at the Laboratory of Photosynthesis, Centre Algatech, Třeboň (CZ)

Laboratory of Photosynthesis (Roman Sobotka’s group), Institute of Microbiology, Třeboň investigates molecular principles of the building and maintaining of photosynthetic complexes in the cyanobacterial cell (mostly *Synechocystis* PCC 6803). Talented and highly gifted candidates are invited to apply for a Postdoc position starting from February 2017 for two years initially.

The position of a successful candidate will be funded by a Czech Science Foundation project and the Main topics of the project may include:

- Purification and analysis of membrane pigment-protein complexes – pull-down assays, 2D gel systems, immunodetection, mass-spectrometry
- Construction of *Synechocystis* mutants, characterization of phenotypes
- Chlorophyll a protein radiolabelling ($^{14}$C, $^{35}$S)
- HPLC and FPLC, various chromatographic techniques of proteins and pigments (ion-exchange, gel-filtration, reverse-phase)

Our requirements: PhD in natural sciences/life sciences (Chemistry, Biochemistry, Microbiology/Plant biology, or Molecular Biology). Good knowledge in standard techniques of biochemistry, molecular biology and in bioinformatics are expected. An experience in physiology of algae/cyanobacteria, proteomics (protein mass-spectrometry), crystallography or flow cytometry is helpful.

We offer you a challenging project, which involves partners from several universities, well equipped laboratories and a team of friendly people who like what they do.

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http://www.alga.cz/sobotka-lab.html

Complete applications in English should include a curriculum vitae, a complete list of publications, brief statement of research experiences, a list of two potential references, full academic record and should be submitted by 31.12. 2016 to Roman Sobotka (sobotka@alga.cz)