

Transdisciplinary PhD Position on “Photochemical Control of Cellular Processes“

The Center for Nanobionics and Photochemical Sciences (PI: **Prof. Dr. Günther Knör**) at the Institute of Inorganic Chemistry at **Johannes Kepler University (JKU) Linz** is looking for a highly motivated PhD candidate to carry out ground-breaking research at the borderlines of chemistry, light-activated processes and cell biology.

This thesis project will carry out in the frames of the **graduate college** “Nano-Analytatics of Cellular Systems (NanoCell)“ funded by the Austrian Science Fund (FWF) <https://www.jku.at/institut-fuer-biophysik/lehre/dk-nanocell/>. All selection procedures, training activities, and communication are in English.

Envisaged start: **August 2019**.

Requirements:

- Master Degree in Chemistry, Biochemistry or Biophysics (completed before the contract starting date)
- Multidisciplinary interests and qualifications (Chemistry/Biology)
- Advanced skills in modern synthetic chemistry and/or photochemical techniques will be a plus
- High level of English and good communication skills.
- Ability to maintain accurate and up to date records.
- Ability to organize and prioritize own work and organize research within the project schedule.
- Computer literacy, analytical skills and effective team working

We offer:

- At least 3 years PhD contract. The selected PhD student will be encouraged to spend one semester abroad joining other collaborating laboratories
- Competitive salary with all social benefits of a regular employment
- Stimulating, interdisciplinary research and high quality international scientific environment

Interested applicants should send their CV, full academic sheet (*including scientific background, training and expertise, research interest, motivation for joining the project*), publication list, motivation letter and two references to: guenther.knoer@jku.at and nanocell@jku.at before **June 30th 2019**.

The **Johannes Kepler University (JKU) Linz** supports future-oriented academic degree programs, excellence in teaching and research, numerous partnerships in Austria and abroad, and a unique campus with park-like grounds. JKU has become a cutting-edge institution for science, academics, business and the community.