

## Young doctor position

### In Team Tech project funded by the Foundation for Polish Science

**Position in the project:** Young doctor

**Scientific discipline:** Organic chemistry

**Institution:** The University of Warsaw, Biological and Chemical Research Centre (CNBCh UW), Warsaw

**Job type:** Full time position

**Stipend amount/month:** 6800 PLN (gross)/month (health insurance and social benefits included)

**Position starts on:** 1<sup>st</sup> March 2017

**Period of stipend agreement:** 12 months

**Number of job offers:** 1

**Principal Investigator:** prof. dr. hab. eng. Karol Grela

**Project title:** Catalysis for the Twenty-First Century Chemical Industry

**Project description:** The goal of the project is to perform research on design and to test methods related to intensification of chemical production, immobilisation of well-defined organometallic catalysts, enabling technologies, decrease of metal loading and amount of waste produced.

**Key responsibilities include:** Postdoc (young doctor) will obtain a number of NHC-onium tagged ruthenium and gold catalysts and screen them in selected reactions, using classical and green solvents with the help of various enabling techniques (i.e. ball mill, microwave reactor). The catalysts will be immobilised on selected solid supports, such as zeolites, metal-organic frameworks (MOF) and nanoparticles, thoroughly characterised and tested in batch and continuous flow conditions.

#### Profile of candidates/requirements:

- PhD degree in organic chemistry, organometallic chemistry or similar
- Very good knowledge of organic synthesis or organometallic chemistry, especially Ru chemistry
- Knowledge of databases (Reaxys, SciFinder)
- Knowledge of analytical techniques utilized in organic chemistry (NMR, MS, IR, HPLC)
- Very good knowledge of English
- Fast learning ability
- PhD defended during the years 2010-2016

#### Required documents:

- Completed Application Form (please use the provided form available at: [www.karolgrela.eu](http://www.karolgrela.eu))
- A copy of PhD diploma
- Contact data to at least one person who can provide us with letter of recommendation

**For more details about the position please visit:** [www.karolgrela.eu](http://www.karolgrela.eu)

**Please submit the following documents to:** Submission (in one pdf file send in a format surname\_name.pdf) and possible questions only by email: [karol.grela@gmail.com](mailto:karol.grela@gmail.com). The candidate(s) will be chosen by the selection committee in accordance with FNP rules. More instructions available in the Application Form.

**Application deadline: 18.12.2016**

Please include in your offer:

“I hereby give consent for my personal data included in my application to be processed for the purposes of the recruitment process under the Personal Data Protection Act as of 29 August 1997, consolidated text: Journal of Laws 2016, item 922 as amended.”