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## **Student position in the project “Xanthophylls in the Retina of the Eye”**

**We are looking for a student interested in research in the area of biophysics of carotenoids in lipid membranes and motivated to develop a career in an interdisciplinary team.**

Our big goal is to unveil molecular mechanisms associated with physiological activity of xanthophyll pigments concentrated in the yellow spot of the retina of the human eye.

You will be involved in the theoretical studies, based on molecular dynamics simulations, focused on localization, orientation and molecular organization of xanthophylls in lipid membranes. A study will be carried out under supervision of our partner in the project, Prof. Jacek Czub from the Department of Physical Chemistry, Faculty of Chemistry, Gdansk University of Technology.

### **Requirements:**

- A candidate has to be a student of a higher school in Poland
- Highly motivated individuals with a strong desire to work in an interdisciplinary environment, who are comfortable working in a team are encouraged to apply. Priority will be given to candidates with experience in molecular dynamics simulation.

### **We offer:**

- Student fellowship 1500 PLN/month
- Appointment starting 2 October 2017, funding guaranteed for 1 year.
- Participation in courses, scientific training, support from peers, and academic mentoring



### **How to apply:**

Application (either in Polish or in English language) has to contain:

- motivation letter, with indicated position candidate applies to;
- Curriculum Vitae;
- list of published papers and communicates (if applicable);
- recommendation letter (at least one) with e-mail address and telephone number of recommending person;
- list of attended scientific conferences (if applicable);
- list of fellowships (if applicable);
- document from a higher school administration which certifies that the candidate is a student.

Application deadline: September 1st, 2017 (complete application has to arrive to the address indicated below)

**Prof. Wieslaw I. Gruszecki**  
**Department of Biophysics, Institute of Physics**  
**Maria Curie-Sklodowska-Curie University**  
**20-031 Lublin, Poland**

- On the envelope mark "Student-TEAM-application".
- Please include the following statement in your application: "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."
- Best candidates will be invited for an interview that will take place on September 18<sup>th</sup>, 2017.

The project "Xanthophylls in the retina of the eye" is carried out within the TEAM Programme, being a Grant Project of the Foundation for Polish Science funded by the European Regional Development Fund within the framework of Smart Growth Operational Programme 2014-2020 (SG OP), Axis IV: Increasing the research potential, Measure 4.4: Increasing the human potential in R&D sector.