



Uniwersytet Marii Curie-Skłodowskiej
Wydział Matematyki, Fizyki i Informatyki
Instytut Fizyki, Zakład Biofizyki

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PhD student position #1 in the Department of Biophysics, Maria Curie-Skłodowska University, Lublin, Poland

We are looking for a PhD student interested in research in the area of biophysics of carotenoids in biomembranes and model 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, linked to etiology and prevention against AMD (age-related macular degeneration).

You will be involved in the experimental analyses of localization, orientation and molecular organization of xanthophylls in the retina of the eye and model lipid membranes, with application of molecular spectroscopy and molecular imaging techniques.

Requirements:

- MSc in biophysics, physics, biochemistry, chemistry, molecular biology or related discipline
- A candidate has to be admitted to a PhD school in Poland
- Documented experience in biophysics and spectroscopic techniques
- 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 expertise most relevant to the project and to the general profile of the laboratory.

We offer:

- PhD fellowship 3600 PLN/month (including ~600 PLN/month health insurance).
- Appointment starting 2nd October, 2017, funding guaranteed for 3 years, possible extension beyond this project.
- Participation in courses, scientific trainings, 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);
- description of previous research activity (within the MSc project);
- 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);
- the copy of the MSc diploma or the document which certifies that candidate is a holder of a MSc or equivalent degree.

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 "PhD-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 18th, 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.

