



A PhD student position in yeast biology available from October 2018 in the project founded by National Science Centre entitled “*Apoptotic machinery: An ancient adaptation to aerobic conditions?*” lead by dr hab. Szymon Kaczanowski.

The origin of apoptosis is a fundamental question for biology. Preliminary studies indicate that apoptosis-inducing factors of yeast *Saccharomyces cerevisiae* are involved in the adaptation to aerobic conditions. Using molecular biology approach apoptotic factors will be replaced by orthologs derived from bacteria and from different than yeast eukaryotic systematic groups (animals, plants and protozoa). Assuming that the function and properties of these factors are evolutionary conserved, yeasts bearing “orthologous” genes and devoid of the original ones will be grown in aerobic conditions in which apoptotic proteins should be indispensable. This expectation will be verified experimentally in the project.

Requirements

The successful applicant should:

- hold MSc degree (or equivalent) in Biology, Biotechnology or will be close to obtain it;
- join the School of Molecular Biology at our Institute;
- have fluency in spoken and written English;
- have lab skills in molecular biology
- independent thinking in experiment designing
- be enthusiastic about nature, evolution and problem solving
- be well organized, eager to learn and ready to assimilate literature

Our offer

- Participation in courses and conferences;
- Three years stipend (4500 PLN net per month);

The application must include

- Curriculum vitae,
- Motivation letter,
- At least one recommendation letter and contact details of the referee/s,
- A list of publications and/or communications (if applicable).

Applications with a “*PhD applicant - NCN*” tag are welcome at szymon@ibb.waw.pl and ulazet@ibb.waw.pl to September 15th, 2018

All applications must contain the following statement to allow us process your data: "I hereby give consent for my personal data included in the job offer to be processed for the purposed recruitment under the Data Protection Act 1997 (Dz. U. 2002 no. 101, item 926 with subs. changes)."