

## Recruitment for research fellows – doctoral students

Institute of Medical Biology of the Polish Academy of Science  
Laboratory of Molecular Virology and Biological Chemistry

### **Research fellow – doctoral student – chemist (2 FTEs)**

#### **Requirements:**

1. Graduate in chemistry, specialisation in organic or bio-organic chemistry.
2. A doctoral student (holding a doctoral student status) or a chosen candidate must commence doctoral studies before the employment begins (the Institute will propose the suitable Doctoral Study on candidate's request).
3. Professional experience: practical skills in organic synthesis and methods of instrumental analysis; experience in chemistry of nucleosides, nucleotides and nucleic acids would be an asset, yet is not compulsory.
4. Personal features: ambitious, creative, goal-oriented, responsible, capable of team work, communicative, able to learn continuously.
5. Professional skills: planning and performing organic synthesis, analysis and presentation of results, defining equipment demand, knowledge of English, computer skills including chemical software, public presentation of outcomes.

#### **Job Description:**

Research within an interdisciplinary project "*Oligo-Derivative Composites of Nucleic Acids and Boron Clusters – a New Material for Bionanotechnology.*"

Developing methods for synthesis of derivatives of nucleosides, nucleotides, DNA-oligonucleotides and their conjugates with boron clusters as construction blocks for building DNA-bionanomaterials. Building nanoparticles using the obtained building blocks. Multidisciplinary instrumental characteristics of obtained molecular connections, data analysis and description of conducted experiments in Polish and English.

#### **Type of competition:**

NCN: SYMFONIA 3

#### **Applications submission deadline:**

till 15<sup>th</sup> September 2016

#### **Terms of employment:**

Scholarship for a period of 48 months.

#### **Additional information:**

Applicants should submit the following documents:

- CV
- covering letter

Please, include the following clause: "*I agree for my personal information included in my application to be processed for the needs of the recruitment process, pursuant to the act of 29.08.1997 on Personal Information Protection; Off. J. no. 133, item 883*"

The aforementioned documents shall be accepted till 15<sup>th</sup> September 2016 in the Reception Office of the Institute of Medical Biology of the Polish Academy of Sciences, 93-232 Lodz, ul. Lodowa 106, on weekdays, from 9.00 till 16.00. The documents can also be sent by mail to the Institute address, referenced: „Research fellow – doctoral student – chemist SYMFONIA”

Assessment of applicants and publication of the competition outcome.

After preliminary verification and assessment of documents, selected candidates shall be invited for interviews, after which a recommended candidate shall be chosen.

The interviews shall take place between 19<sup>th</sup> and 23<sup>rd</sup> September 2016. In case of foreign applicants who cannot attend an interview, three letters of recommendation shall be required from a specialist in a given branch who is a PhD and has a Professor status. Competition results shall be published on 26<sup>th</sup> September 2016. Afterwards, the application shall be transferred to the Institute HR department for further administrative work related to employment procedure.

The organisers reserve the right to contact only applicants selected through verification of the submitted documents and reserve the right to reject all submitted applications, if a competition commission finds they do not meet the criteria. Also be advised that any documents sent in shall not be returned to applicants.

Additional information can be obtained from Prof. Zbigniew Leśnikowski at the following e-mails address: [zlesnikowski@cbm.pan.pl](mailto:zlesnikowski@cbm.pan.pl)