

Results of the third admission round to the Warsaw4PhD Doctoral School

Candidates admitted to the School

The Nencki Institute of Experimental Biology of the Polish Academy of Sciences

- 1. Bedrood Zeinab**
Project 1.2. Molecular mechanisms of 5-HT₇R-mediated resilience in stress-related disorders [Prof. Jakub Włodarczyk PhD, DSc]
- 2. Waqar Aimen**
Project 1.2. Molecular mechanisms of 5-HT₇R-mediated resilience in stress-related disorders [Prof. Jakub Włodarczyk PhD, DSc]
- 3. Asif Zian**
Project 1.3 The role of lipid modifications of proteins in functional neuronal plasticity, learning and memory [Tomasz Wójtowicz, PhD / Prof. Jakub Włodarczyk PhD, DSc]
- 4. Oślisłok Magdalena**
Project 1.4 Verification of personalized therapeutic strategy for myeloid leukemias with PTPN11 mutations [dr hab. Katarzyna Piwocka]
- 5. Wrzosek Maria**
Project 1.7. Neuronal mechanisms of working memory: a combined single-neuron and network-level approach in humans [dr Jan Kamiński / dr hab Ewelina Knapska]
- 6. Kowalski Konrad**
Project 1.8. The role of transcriptional condensates in regulating embryonic development and stress response [dr Adam Kłosin / Prof. Bożena Kamińska-Kaczmarek, DSc]

The Institute of Organic Chemistry of the Polish Academy of Sciences

1. Mehboob Muhammad Yasir

Project 2.1. Design of functional organic memristors (DOOM) [dr hab. Cina Foroutan-Nejad]

2. Zahra Syeda

Project 2.3. Chemoenzymatic cascades of new Cu and Pd reactions of significant application potential [Professor Ryszard Ostaszewski]

3. Dave Siddharth

Project 2.4. The self- or directing group-aided remote C-H functionalization of bifunctional compounds initiated by alkoxy radical species [Dr Sebastian Stecko, Assoc. Professor]

4. R Kishorekumar

Project 2.5. Ambipolar polyaromatic compounds in the shape of a bowl, containing precisely localized admixtures of nitrogen atoms. A unique class of highly efficient OLED emitters (BOWLEDs) [Prof. Dr hab. Daniel Gryko/Dr Marcin Lindner]

The Institute of Physical Chemistry of the Polish Academy of Sciences

1. Mahankudo Sanat Kumar

Project 3.1. Photophysics and Bimolecular Reactions of Metal Nanoclusters [dr hab. Gonzalo Manuel Angulo Núñez, profesor instytutu / dr Marcin Pastorczak]

2. Ans Muhammad

Project 3.2. Development of strategies for improving stability of perovskite solar cells [dr hab. inż. Daniel Prochowicz, profesor instytutu]

3. Niazi Rimsha

Project 3.3. Electrochemical fixation of CO₂ by heterogenous porous catalysts [prof. dr hab. Marcin Opałto / dr Shumaila Razzaque]

4. Piotrowski Michał

Project 3.5. Synthesis of different dimensional nanopolymers for chemosensing [dr hab. Piyush Sindhu Sharma, profesor instytutu]



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- 5. Tiwari Gunjan**
Project 3.6. Use of external electromagnetic fields to control physicochemical processes [dr hab. Jan Paczesny]
- 6. Atigheh Habibollah**
Project 3.8. Design and synthesis of inorganic-organic porous materials for biomedical applications [prof. dr hab. inż. Janusz Lewiński]
- 7. Pawlak Katarzyna**
Project 3.10. Laboratory and field studies on secondary organic aerosol (SOA) aging at suburban sites [dr hab. inż. Rafał Szmigielski, profesor instytutu / dr Agata Kołodziejczyk]
- 8. Paolini Daniele**
Project 3.12. Physical insights into charging mechanisms and performance optimisation of nanoporous supercapacitors [dr hab. S. Kondrat]

The Institute of Physics of the Polish Academy of Sciences

- 1. Głuch Jakub**
Project 4.1. PbTe/CdTe multilayers, a new material with controlled properties for infrared sensing (experimental) [prof. dr hab. Grzegorz Karczewski / dr Michał Szot]
- 2. Kanawade Smit**
Project 4.3. Ultracold but nonzero temperature one-dimensional Bose gases (theoretical) [dr hab. Piotr Deuar / dr Felipe Taha Sant'Ana]
- 3. Duszka Magdalena**
Project 4.5. Ab initio investigations of Hund's Rule breaking organic molecules (theoretical) [prof. dr hab. Andrzej Sobolewski]

The Institute of High Pressure Physics of the Polish Academy of Sciences

- 1. Brejnak Adam**
Project 6.4. AlInGaN laser diodes and micro LEDs with active regions shaped as micro ribbons and discs fabricated on corrugated substrates [prof. dr hab. Piotr Perlin / dr Anna Kafar]



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2. Gorbenko Ilia

Project 6.5. Theoretical study of THz plasma instabilities in low dimensional systems
[prof. dr hab. Wojciech Knap]

Maria Skłodowska-Curie National Institute of Oncology State Research Institute


1. Mehrparvar Bahareh

Project 7.1. The role of MTARC2 protein-related metabolism changes in the intestinal tumorigenesis [Michał Mikula, PhD]

The International Institute of Molecular and Cell Biology in Warsaw

1. Naz Zara

Project 9.1. RNA-Protein Interactions in Human Health and Disease (NCN/DIOSUCRI)
[Professor Gracjan Michlewski]

Przewodniczący Rady Dyrektorów
Warszawska Szkoła Doktorska
Nauk Ścisłych i BioMedycznych

Prof. dr hab. Agnieszka Dobrzyń