



Results of the first 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. Garczyk Maciej

Project 1.1. Role of metabolic stress in differentiation of pancreatic progenitor cells [prof. Agnieszka Dobrzyń, Ph.D., D.Sc.]

2. Nawaz Ayesha

Project 1.2. Molecular mechanisms of 5-HT₇R-mediated resilience in stress-related disorders [prof. Jakub Włodarczyk, Ph.D., D.Sc.]

3. Wolska Magdalena

Project 1.3 Harnessing gut microbiota-derived metabolites to combat acute respiratory distress syndrome [dr inż. Tomasz Wypych / prof. Katarzyna Kwiatkowska, Ph.D., D.Sc.]

4. Podolecka Wiktoria

Project 1.4. Mechanisms underlying ketamine-induced high frequency oscillations in the rodent olfactory system [dr hab. Mark J. Hunt]

5. Yadav Anjaly

Project 1.5. Coming together - the neural dynamics of transition from out-group reserve to in-group fellowship [prof. Ewelina Knapska, Ph.D., D.Sc./ Alicja Puścian, PhD.]

6. Firmanty Patryk

Project 1.6. Influence on inhibition of ribosome biogenesis on oligodendrocyte differentiation and myelination process [prof. Anna Filipek, Ph.D., D.Sc.]



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Warszawska Szkoła Doktorska
Nauk Ścisłych i BioMedycznych

7. Koziół Agata

Project 1.8. Predicting prognosis in asymptomatic subjects with multiple sclerosis-like brain lesions using cognitive testing and advanced magnetic resonance techniques [Maciej Jurynczyk, MD Ph.D.]

8. Khanipour Farzad

Project 1.12. Dispersed mossy fiber synapses as a possible cause of cognitive dysfunctions in epileptiform neuropsychiatric conditions [Adam Gorlewicz, Ph.D / Ewelina Knapska, Ph.D., D.Sc.]

9. Ficerman Weronika

Project 1.13. Role of unconventional myosin VI in development of cardiomyopathy: New insights into understanding of function and dysfunction of cardiac muscle [prof. Maria Jolanta Rędownicz, PhD. DSc.]

The Institute of Organic Chemistry of the Polish Academy of Sciences

1. Krajewski Piotr

Project 2.3. RED LIGHT – a tool for organic and biomolecular chemistry [prof. Dorota Gryko]

2. Yaghoobianzabi Mohadese

Project 2.4. RED LIGHT – a tool for organic transformations [prof. Dorota Gryko]

3. Nowak Krzysztof

Project 2.5. Synthesis of curved derivatives of acenes - towards bottom-up synthesis of zig-zag carbon nanotubes [prof. Daniel T. Gryko / dr Marek Grzybowski]

4. Samsonowicz-Górski Jan

Project 2.8. Chemoenzymatic cascades of new Cu and Pd reactions of significant application potential [prof. Ryszard OStaszewski]

The Institute of Physical Chemistry of the Polish Academy of Sciences

1. Hashemi Hosseini Behdokht

Project 3.1. Nanoengineering of multicomponent metal-free carbonaceous materials for bio-oil upgrading through ultrasound-assisted selective redox photo-catalysis in continuous-flow reactors [dr hab. inż. Juan Carlos Colmenares Q]



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2. Ulewicz Katarzyna

Project 3.2. Nanoplastics in living cells [prof. dr hab. Robert Hołyst / dr inż. Karina Kwapiszewska]

3. Sakalouski Uladzislau

Project 3.3. Diffusion of rods and flexible polymers in complex fluids [prof. dr hab. Robert Hołyst / dr Karol Makuch]

4. Jamil Huma

Project 3.3. Diffusion of rods and flexible polymers in complex fluids [prof. dr hab. Robert Hołyst / dr Karol Makuch]

5. Czarnota Marek

Project 3.7. Application of fast Laplace NMR methods for reaction monitoring [dr hab. Piotr Bernatowicz / dr Mateusz Urbańczyk]

6. A Vishnu

Project 3.8. Probing the structure-property relationships in single-crystalline lead halide perovskites for photodetector applications [dr hab. inż. Daniel Prochowicz]

7. Nowacka Klaudia

Project 3.9. Use of dynamic light scatterers to improve resolution in OCT imaging [prof dr hab. Maciej Wojtkowski / dr Dawid Borycki]

The Institute of Physics of the Polish Academy of Sciences

1. Milewski Łukasz

Project 4.1. Mesoscale simulations of bio-membrane adhesion (theoretical) [dr hab. Bartosz Różycki]

2. Jadoon Jamil

Project 4.2. MBE growth and characterization of oxide heterostructures for photovoltaic applications (experimental) [dr hab. Ewa Przeździecka]

3. Dunikowski Hubert

Project 4.4. Ultra-cold atomic gases in optical lattices (theoretical) [dr hab. E. Witkowska]

4. Tripathi Om

Project 4.5. Laser spectroscopy of diatomic molecules (experimental) [prof. dr hab. Włodzimierz Jastrzębski / dr Jacek Szczepkowski]

5. Fidler Aleksandra

Project 4.6. Synthesis and structural investigation of bundles of carbon nanotubes filled with magnetic halide phases [dr hab. Piotr Dłużewski / dr hab. Sławomir Kret]



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6. Ćwilich Adam

Project 4.8. Fluorescence of single I-III-VI colloidal nanocrystals (experimental)
[dr hab. Łukasz Kłopotowski]

Center for Theoretical Physics of the Polish Academy of Sciences

1. Kaur Gursharanjit

Project 5.1. PACIS: Precision and Accuracy for Cosmological Imaging Surveys
[prof. Maciej Bilicki]

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

1. Manasa Manasa

Project 6.2. Growth of Iron-based superconductors by high-pressure technology and their characterizations [Prof. Dr. Andrzej Wisniewski (Institute of Physics, PAS) / Dr. Shiv J. Singh (IHPP PAS)]

2. Mohammad Azam

Project 6.3. Critical current density and flux pinning behavior of Iron-based superconductors by high-pressure technology [Prof. Dr. Andrzej Wisniewski (Institute of Physics, PAS) / Dr. Shiv J. Singh (IHPP PAS)]

3. Ahmed Naveed

Project 6.4. A study of always-active, distributed and ubiquitous energy sources as applied to power Internet of Things (IoT) nodes [prof. dr hab. inż. Tomasz Skotnicki / dr inż. Maciej Haras]

The International Institute of Molecular and Cell Biology in Warsaw

1. Viswanath Vysakh

Project 9.2. Mechanistic and structural studies of the replication of (+)ssRNA viruses (NCN/OPUS) [prof. Marcin Nowotny]

Przewodniczący Rady Dyrektorów
Warszawska Szkoła Doktorska
Nauk Ścisłych i BioMedycznych


Prof. dr hab. Agnieszka Dobrzyń