



Warsaw-4-PhD
Warszawska Szkoła Doktorska
Nauk Ścisłych i BioMedycznych

Results of the second 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. Pietruch Magdalena

Project 1.1. Treating procrastination - effectiveness and neurobehavioral mechanisms of Cognitive-Behavioral Therapy and Working Time Restriction [Marek Wypych, PhD]

2. Datta Adam

Project 1.2. Deep learning techniques in the studies of cortical circuitry remodelling following damages to the primate visual cortex [Piotr Majka, Ph.D / prof. Daniel Wójcik, PhD. DSc.]

3. Domin Aleksandra

Project 1.3. Non-canonical functions of ATP in the regulation of gene expression (SONATA BIS-11) [Aleksandra Pękowska, PhD.]

4. Iqbal Sajjad

Project 1.3. Non-canonical functions of ATP in the regulation of gene expression (SONATA BIS-11) [Aleksandra Pękowska, PhD.]

5. Nazaruk Kinga

Project 1.4. Glymphatic system in epilepsy pathogenesis [Prof. Katarzyna Łukasiuk, PhD., D.Sc]

6. Gulzar Sabahat

Project 1.5. How mutations in the dystrophin-encoding gene affect calcium homeostasis, energy metabolism and selected functions of vascular endothelial cells; indicating regulatory mechanisms [Prof. Krzysztof Zabłocki, PhD., D.Sc]



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7. Mohamad Maya

Project 1.6. Verification of personalized therapeutic strategy for myeloid leukemias with PTPN11 mutations [Katarzyna Piwocka, PhD., D.Sc]

8. Kozłowska Katarzyna

Project 1.7. Predicting prognosis in asymptomatic subjects with multiple sclerosis-like brain lesions using cognitive testing and advanced magnetic resonance techniques [dr Maciej Jurynczyk, MD PhD]

9. Das Sharma Avinil

Project 1.8. The role of transcriptional condensates in regulating embryonic development and stress response [Adam Kłósin, PhD / prof. Bożena Kamińska-Kaczmarek, PhD, DS.c]

The Institute of Organic Chemistry of the Polish Academy of Sciences

1. Klochowicz Patryk

Project 2.1. Autonomous discovery, development and optimization of organocatalytic reactions through intelligent chemical robots [Prof. Janusz Jurczak / Jarosław Granda, PhD]

2. Hotynchan Andrii

Project 2.2. Novel glycomimetics as DC-SIGN receptor ligands [Mykhaylo Potopnyk, PhD., DS.c]

3. Kamiński Bartosz

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

4. Priyadarshini Deepshikha

Project 2.7. Mechanochemical induction of self-assembly of anion-sealed molecular capsules [Prof. Agnieszka Szumna]

5. Sumanta Sumanta

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

6. Majumder Souvik

Project 2.9. Redox-neutral photocatalytic C-H carboxylation of hydrocarbons with CO₂ [Prof. Dorota Gryko]



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The Institute of Physical Chemistry of the Polish Academy of Sciences

1. Weitze Dennis

Project 3.1. Ionic liquid mixtures for supercapacitor applications [Svyatoslav Kondrat, PhD., DS.c]

2. Piórkowska Lucyna

Project 3.3. Preparation of a library of pseudotyped Rabies viruses to target specific cell types in the retina [Andrzej Foik, PhD / Ewa Kublik, PhD, DS.c]

3. Mućka Milena

Project 3.4. Application of the TRP calcium channels in vision restoration [Andrzej Foik, PhD / Ewa Kublik, PhD, DS.c]

4. Kulesza Wiktor

Project 3.5. Assisted surgical guiding in ophthalmology [Andrea Curatolo, PhD. / prof. Maciej Wojtkowski, PhD, DS.c]

5. Khodadadi Karahroudi Mahdi

Project 3.6. Phase sensitive spatio- temporal optical coherence imaging [Andrea Curatolo, PhD. / prof. Maciej Wojtkowski, PhD, DS.c]

6. Oliinyk Yaroslava

Project 3.8. Nanoplastics in living cells [Karina Kwapiszewska, PhD. Eng / prof. Robert Hołyst, PhD., DS.c]

7. Bednarek Tomasz

Project 3.14. On the inclusion of magnetic interactions in hybrid QM/MM calculations for catalysis and spintronics [Aleksandra Siklitckaia, PhD. / Adam Kubas, PhD., DS.c]

The Institute of Physics of the Polish Academy of Sciences

1. Younus Sidra

Project 4.1. Structure and properties of bundles of carbon nanotubes filled with magnetic halide phases [Piotr Dłużewski, PhD., DS.c / Sławomir Kret, PhD., DS.c]

2. Karuvanveetil Sumesh

Project 4.3. Study of the effect of the nanostructured quasicrystal nanomagnet lattices on magnon-photon coupling, project 2 (experimental) [Prof. Tomasz Dietl / Vinayak Bhat, PhD.]



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3. Aziz Fiza

Project 4.6. Rocksalt (MgZn)O alloys and (MgZn)O/MgO quantum structure and their application in deep-ultraviolet light-emitters (experimental) [Henryk Teisseyre, PhD. DS.c]

Center for Theoretical Physics of the Polish Academy of Sciences

1. Juarez Garcia Ana

Project 5.1. Modeling of kilonova emission [prof. dr hab. Agnieszka Janiuk]

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

1. Tiwari Pradeep

Project 6.1. Terahertz Metasurfaces for Detection of Viruses and Other Biological Substances – Processing [Maciej Sakowicz, PhD., DS.c]

A. Dobrzyński