



Results of the second admission to the Warsaw4PhD Doctoral School

Candidates admitted to the School

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

1. Świderska Julia

Project 1.1. Memory mechanisms in the ageing brain- alternative synaptic processes and neuronal networks [prof. Katarzyna Radwańska, Ph.D., D.Sc.]

2. Puchalska Monika

Project 1.1. Memory mechanisms in the ageing brain- alternative synaptic processes and neuronal networks [prof. Katarzyna Radwańska, Ph.D., D.Sc.]

3. Acosta Carlos

Project 1.2 Strategies to increase the performance of skeletal muscles and brown adipose tissue to combat obesity and related diseases [Grzegorz Sumara, Ph.D.]

4. G Gokul

Project 1.4. Ubiquitin as a modulator of the mitochondrial protein import process [Piotr Brągoszewski, Ph.D.,]

5. Szponar Magdalena

Project 1.6. Using machine learning in optimization of diagnosis of psychiatric disorders [Jan Kamiński, Ph.D./Ewelina Knapska, Ph.D., D.Sc.]

6. Włodkowska Urszula

Project 1.7. Cortical reinstatement in health and Alzheimer's' disease: a direct approach to testing the hippocampal memory indexing theory [Adam Hamed, Ph.D., D.Sc./Rafał Czajkowski, Ph.D./]

7. Sawicka Katarzyna

Project 1.7. Cortical reinstatement in health and Alzheimer's' disease: a direct approach to testing the hippocampal memory indexing theory [Adam Hamed, Ph.D., D.Sc./Rafał Czajkowski, Ph.D./]

8. Jacek Karol

Project 1.8. Using single-cell omics and spatial transcriptomics to unravel how specific genetic changes result in context-specific immune responses in experimental gliomas [prof. Bożena Kamińska - Kaczmarek, Ph.D., D.Sc.]

9. Łuczak – Sobotkowska Zuzanna

Project 1.9. Understanding the role of microglia in aging of the brain and depression [prof. Bożena Kamińska - Kaczmarek, Ph.D., D.Sc.]

10. Tomaszewska Weronika

Project 1.11. To investigate the interplay between metabolic and epigenetic factors in pathogenesis and inheritance of neuropsychiatric disorders [dr Ali Jawaid]

The Institute of Organic Chemistry of the Polish Academy of Sciences

1. Zaorska Ewelina

Project 2.1. Chemoenzymatic cascades of new Cu reactions of significant application potential [prof. Ryszard Ostaszewski]

2. Najczuk Justyna

Project 2.2. Synthesis of structurally diverse medium- and large-sized rings by controlled decomposition of tetraoxanes and related compounds [prof. Bartłomiej Furman]

3. Sheeja Minu

Project 2.3. Synthesis of Organic Molecular Memristors [dr Cina Foroutan-Nejad/prof. Daniel T. Gryko]

4. Predygier Jędrzej

Project 2.4. Highly emissive, strongly polarized multiple helicenes built from pyrrolo[3,2-b]pyrrole scaffolds [prof. Daniel T. Gryko]

5. Gadina Louis

Project 2.5. Synthesis of supramolecular catalysts inspired by enzymes [prof. dr Bartosz Grzybowski]

The Institute of Physical Chemistry of the Polish Academy of Sciences

Kowalski Adam

Project 3.1. High throughput microfluidic system for fast determination of the equilibrium constant for biomolecular complexes: application to RNA-DNA interactions [prof. dr hab. Robert Hołyst]

2. Vaishnav Yuvraj

Project 3.2. Nanoengineering of multicomponent metal-free carbonaceous materials for biooil upgrading through ultrasound-assisted selective redox photo-catalysis in continuous-flow reactors [dr hab. inż. Juan Carlos Colmenares Quintero]

3. Ochirbat Enkhlin

Project 3.3. Development of a comprehensive bacteria detection procedure: the creation of a sensor and development of new protocols for sample preparation and deposition [prof. dr hab. Maciej Wojtkowski/ dr Jan Paczesny]

4. Korol Dominik

Project 3.6. Paper and other fibrous materials as micro/nanomolds for deposition on electrodes surface molecularly imprinted polymers of developed surface [dr hab. Piyush S. Sharma/ dr. inż. Maciej Cieplak]

5. Maciejewska – Komorowska Julia

Project 3.7. Paper-based liquid-liquid electrochemistry [dr hab. Martin Jönsson-Niedziółka]

6. Mazurkiewicz Wojciech

Project 3.8. Electrochemical analysis of neurobiologically relevant analytes [dr hab. Martin Jönsson-Niedziółka/ dr Emilia Witkowska Nery]

7. Jadhav Rohitkumar

Project 3.9. Probing the structure–property relationships in single-crystalline lead halide perovskites for photodetector applications [dr hab. Daniel Prochowicz]

8. Galińska Anna

Project 3.10. The role of the basal forebrain in visual processing [dr hab. Ewa Kublik/ dr Andrzej Foik]

9. Trzaska Adam

Project 3.11. Mechanochemical synthesis of hybrid inorganic-organic functional materials [prof. dr hab. inż. Janusz Lewiński]

The Institute of Physics of the Polish Academy of Sciences

1. Anila Midhun

Project 4.1. Molecular dynamics of systems of the intrinsically disordered proteins (theoretical) [prof. dr hab. Marek Cieplak]

2. Aziz Fiza

Project 4.2. Computer simulations of partially disordered proteins (theoretical) [dr hab. Bartosz Różycki]

3. Ataelahi Mitra

Project 4.4. Ab initio investigations of Hund's Rule breaking organic molecules (theoretical) [prof. dr hab. Andrzej Sobolewski]

4. Singh Priya

Project 4.5. Thermodynamics of nanostructures at low temperatures (experimental) [dr Maciej Zgirski/ prof. dr hab. Maciej Sawicki]

The Center for Theoretical Physics of the Polish Academy of Sciences

1. Hunde Feven Markos

Project 5.1. COLAB: COsmic LABoratory for Baryons and dark matter [prof. Wojciech Hellwing]



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

1. Miklas Alicja

Project 6.1. Excitonic effects in perovskites for the photovoltaic and laser applications [dr hab. Małgorzata Wierzbowska, prof. IWC PAN]

2. Bilska Oliwia

Project 6.2. Nitride photonic structures fabricated using selective ion implantation and electrochemical etching [prof. dr hab. Czesław Skierbiszewski / dr inż. Marta Sawicka]

3. Gołyga Krzysztof

Project 6.3. Epitaxy and properties of nitride based optoelectronic devices InAlGaN/NbN [prof. dr hab. Czesław Skierbiszewski]

4. Sobczak Cyprian

Project 6.4. Elastically isotropic and metastable body-centered cubic titanium alloys - First principles and empirical investigation [dr hab. Paweł Strąk]

Maria Skłodowska-Curie National Institute of Oncology State Research Institute

1. Kianfar Mostafa

Project 7.1. Towards re-definition of the mechanisms of entotic cell death; the role of HAX1 and SEPT7 in the regulation of entosis in breast cancer models in vivo and in vitro [Ewa A. Grzybowska]

The International Institute of Molecular and Cell Biology in Warsaw

1. Mahadeva Raghunandan

Project 9.2. Identifying unique adaptive responses of red pulp macrophages to iron deficiency (NCN/SONATA) [Wojciech Pokrzywa, PhD DSc./ Katarzyna Mleczko-Sanecka, PhD]



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

2. Jain Ruhi

Project 9.3. Experimental analysis of molecular determinants involved in epilepsy (NCN/OPUS) [prof. Jacek Kuźnicki/ Vladimir Korzh, PhD]

3. Fedenko Anna

Project 9.4. Genomics and Epigenomics of acute myelogenous leukemia (AML) [prof. Matthias Bochtler]

Przewodniczący Rady Dyrektorów
Warszawska Szkoła Doktorska
Nauk Ścisłych i BioMedycznych
A. Dobrzyń
Prof. dr hab. Agnieszka Dobrzyń