



Results of the first admission to the Warsaw4PhD Doctoral School

Candidates admitted to the School

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

1. Pisera Krzysztof

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

2. Chaudhury Debadeep

Project 1.4. Identification of genes and evolutionary changes in the genome that underlie the biology of astrocytes [Aleksandra Pękowska, Ph.D.]

3. Kamińska Paulina

Project 1.5. The role of VPS10P domain receptors in phenotypic polarization of astrocytes and microglia in the diseased brain [prof. Bożena Kamińska-Kaczmarek, Ph.D., D.Sc./Anna Malik, Ph.D.]

4. Bulanda Edyta

Project 1.6. Harnessing gut microbiota-derived metabolites to combat acute respiratory distress syndrome [Tomasz Wypych, Ph.D./prof. Katarzyna Kwiatkowska, Ph.D., D.Sc.]

5. Buszka Anna

Project 1.7. The role of lipid modifications of proteins in functional neuronal plasticity, learning and memory [Jakub Włodarczyk, Ph.D./Tomasz Wójtowicz, Ph.D.]

6. Michałowski Arkadiusz

Project 1.8. Investigation of the structure of the mitochondrial permeability transition pore [prof. Mariusz Więckowski, Ph.D., D.Sc.]

7. Karimi Solmaz

Project 1.9. The role of mitochondria and endoplasmic reticulum interactions in the regulation of cancer cells metabolism [prof. Mariusz Więckowski, Ph.D., D.Sc.]

8. Ahmad Sareer

Project 1.12. Can transfer of genes encoding DREADD receptors to selected motoneurons in the transected spinal cord restore motor function? Synaptic and receptor changes in motoneurons caused by chemogenetic activation [prof. Małgorzata Skup, Ph.D., D.Sc.]

9. Rosa Patrycja

Project 1.14. Zrozumienie funkcji mikrogleju w homeostazie mózgu i progresji nowotworu poprzez analizę danych z sekwencjonowania pojedynczych komórek [prof. dr hab. Bożena Kamińska-Kaczmarek/dr Aleksander Jankowski, Uniwersytet Warszawski]

10. El Ghoz Katia

Project 1.16. Towards understanding functions of microglia in brain homeostasis and tumor progression through analysis of single cell sequencing data [prof. Bożena Kamińska-Kaczmarek, Ph.D., D.Sc./Aleksander Jankowski, Ph.D., University of Warsaw]

11. Pytlak Karolina

Project 1.17. The role of the mitochondrial potassium channels in damage caused by urban particulate matters (PM) - search for a new cytoprotection strategy [prof. Adam Szewczyk, Ph.D., D.Sc./Bogusz Kulawiak, Ph.D.]

12. Jasińska Joanna

Project 1.18. Light-regulated mitochondrial potassium channels: searching for new cytoprotective mechanisms [prof. Adam Szewczyk, Ph.D., D.Sc.]



The Institute of Organic Chemistry of the Polish Academy of Sciences

1. Kisiel Kacper

Project 2.2. Sustainable photochemical transformations of diazo reagents as a source of reactive intermediates [prof. Dorota Gryko]

2. Łuczak Klaudia

Project 2.3. Red Light – A tool for organic and bioorthogonal chemistry [prof. Dorota Gryko]

3. Depa Wojciech

Project 2.4. New N-heterocyclic carbene gold complexes: from catalytic activity to medical applications [dr hab. Michał Michalak]

4. Vishali

Project 2.6. New Molecular Architectures for Exploring Singlet Fission [dr Przemysław Gawęł/prof. Daniel Gryko]

The Institute of Physical Chemistry of the Polish Academy of Sciences

1. Malicka Iga

Project 3.3. Microfluidic cells for high-throughput multiple response analyses [dr hab. Martin Jönsson-Niedziółka]

2. Aziz Ariba

Project 3.5. Catalysis at the nanoscale: localization of active sites at nanostructured materials and surfaces modified with enzymes [prof. dr hab. Marcin Opatto/dr Wojciech Nogala]



Warsaw-4-PhD

Warszawska Szkoła Doktorska
Nauk Ścisłych i BioMedycznych

The Institute of Physics of the Polish Academy of Sciences

1. Smardz Paulina

Project 4.3. Computational studies of disulfide bonds (theoretical) [prof. dr hab. Mai Suan Li/dr Paweł Krupa]

2. Mushtaq Ruqyyah

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

3. Klepka Barbara

Project 4.6. Properties and interactions of intrinsically disordered proteins involved in biomineralization (experimental) [dr hab. Anna Niedźwiecka]

4. Joshi Pushkar

Project 4.8. Non-toxic quantum dots for solar energy harvesting (experimental) [dr hab. Łukasz Kłopotowski]

The Center for Theoretical Physics of the Polish Academy of Sciences

1. J. M. Anjitha

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

2. Marciniak Maciej

Project 5.2. NUANCE 1 : Study of novel quantum phases in cold gases using ab initio methods [dr Krzysztof Pawłowski]

3. Drozda Paweł

Project 5.3. Large-scale cosmic density and velocity fields as cosmological probes [prof. Wojciech Hellwing/dr Maciej Bilicki]



Warsaw-4-PhD

Warszawska Szkoła Doktorska
Nauk Ścisłych i BioMedycznych

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

1. Plesiewicz Jerzy

Project 6.2. The investigations of deep defect states in GaN by capacitance-based spectroscopy methods [prof. dr hab. Michał Leszczyński/dr Piotr Kruszewski]

Maria Sklodowska-Curie National Institute of Oncology State Research Institute

1. Bobak Klaudia

Project 7.1. Molecular characteristics of the response to neoadjuvant chemotherapy in patients with locally advanced soft tissue sarcomas [Anna M. Czarnecka, DSc PhD / co-supervisor: Mateusz Spalek, MD PhD]

The International Institute of Molecular and Cell Biology in Warsaw

1. Szymański Jacek

Project 9.2. RNA-Protein Interactions in Human Health and Disease (NCN/DIOSUCRI) [Gracjan Michlewski, PhD DSc]

2. Kumari Shiwani

Project 9.3. The role of mTOR-Brg1 interaction in normal and aberrant neuronal activity (NCN/MAESTRO) [prof. Jacek Jaworski]

3. Chouhan Komal Kumari

Project 9.4. Identifying unique adaptive responses of red pulp macrophages to iron deficiency [Wojciech Pokrzywa, PhD DSc/Katarzyna Mleczko-Sanecka, PhD]

4. Jakubik Marta

Project 9.5. Signaling of AXL receptor in cancer cells [prof. Marta Miączyńska/Daria Zdżalik-Bielecka, PhD]

Przewodniczący Rady Dyrektorów
Warszawska Szkoła Doktorska
Nauk Ścisłych i BioMedycznych

A. Dobrzyń
Prof. dr hab. Agnieszka Dobrzyń

