

Summary of the results of the 5th UP Young Researcher Grant Competition

Research area **Natural sciences, mathematics and computer science**

Name	Grant Title
Skoupý Svatopluk, Mgr.,Ph.D.	Genomic and epigenomic drivers of speciation in cyanobacteria from hot and cold extreme environments.
Šigutová Hana, Mgr.,Ph.D.	Anticipating freshwater biota responses to climate-driven habitat shifts based on the evolutionary history of lotic and lentic odonates (Lotic2Lentic)
Kubalová Ivona, Mgr.,Ph.D.	AHK4-7RED: The Cytokinin-Brassinosteroid Tango in Plant Signaling
Kotrle Kamil, Mgr.,Ph.D.	Towards Chiral Molecular Nanomagnets for Magneto-Optical Functionality

Research area **Medical sciences and biomedicine**

Name	Grant Title
Malina Tomáš, Mgr.,Ph.D.	Atomic Precision Meets Biology: Single-Atom Materials for Safe and Targeted Nanotherapeutics
Koubová Kateřina, Mgr.,Ph.D.	Novel In Vitro Models for Investigating Biological Effects of Soluble Epoxide Hydrolase Inhibitors
Zůvalová Iveta, Mgr.,PhD.	Natural and synthetic terpenoids as modulators of the intestinal inflammation
Moreira Pereira Thiago, Dr.	Acoustic Droplet Ejection-enabled Synthesis of DNA-Encoded Libraries using Multicomponent Reactions

Research area **Humanities and social sciences**

Name	Grant Title
Malimpensa Maurizio Maria, Dr.	Logic of the Image. Towards a Non-Formal Logic of Life within the Framework of Trinitarian Ontology
Martínez Ramil Pablo, Mgr.,Ph.D.	Fractures of Law: AI Regulation and the Reconfiguration of Rights in the EU
Cherri Carlos Leonel, Dr.	Expanded Worlds: Art and Subalternity in Latin America
Zbořilová Tatiana, Mgr. et Mgr.,Ph.D.	Translational Research in Education - Applying Interdisciplinary Theories of Musicality in the Development of Self-help Interventions for Late Adolescents and Young Adults