

MUNI

MUNI SCIENTIST Awards 2023

Award for Outstanding Research Results





Mgr. Dalibor Blažek, Ph.D.

Awarded for gaining a prestigious grant
GAČR EXPRO

Project title:

*Identification and characterization of a new pathway
regulating pre-mRNA splicing*



Research Group Leader Senior





doc. Mgr. Lukas Blinka, PhD.

Awarded for two **articles** published in **Child and Adolescent Psychiatry and Mental Health** and **Child and Adolescent Mental Health**

Article titles:

- *Differences between problematic internet and smartphone use and their psychological risk factors in boys and girls: a network analysis*
- *Adolescents' problematic internet and smartphone use in (cyber)bullying experiences: A network analysis*



Associate professor,
Psychology Research Institute



Ing. Mgr. Lucie Coufalová, Ph.D. et Ph.D.

Awarded for **articles** published in journal **Public Choice** and **Kyklos**

Article titles:

- *The grass is not greener on the other side: the role of attention in voting behavior*
- *Homophily in voting behaviour*



Assistant professor, Department of
Economics

doc. MUDr. Regina Demlová, Ph.D.



Awarded for gaining a prestigious
Teaming grant

Project title:

*Central European Advanced Therapy and Immunotherapy
Centre*

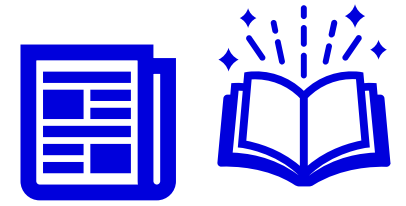


photo: David Konečný

Department head, Department of
Pharmacology



Mgr. Lenka Dědková, Ph.D.



Awarded for a **book** published in **Taylor & Francis** and **article** published in a journal **Information, Communication & Society**

Book title:

Information and Communication Technologies and Well-Being

Article title:

Parental mediation of online interactions and its relation to adolescents' contacts with new people online: the role of risk perception.



Department vice-head, Interdisciplinary Research Team on Internet and Society



Mgr. Peter Fabian, Ph.D.

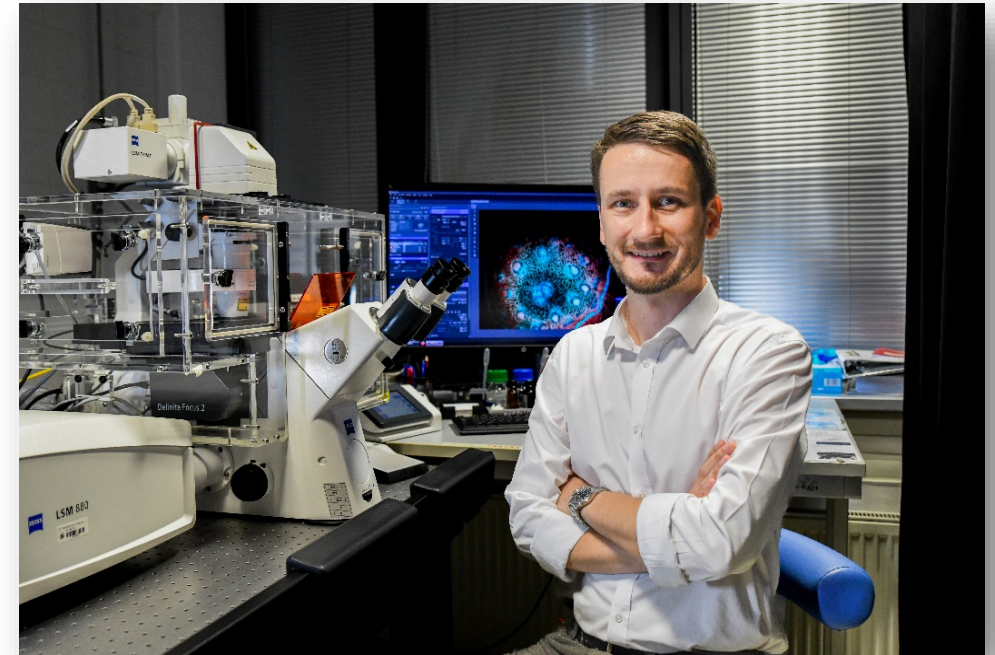
Awarded for gaining a prestigious
ERC Starting grant and **DIOSCURI grant**

ERC project title:

Metabolic regulation of the skeletal stem cell niche

DIOSCURI project title:

Centre for Stem Cell Biology and Metabolic Diseases



Assistant professor, Section of Animal Physiology and Immunology





Mgr. Tomáš Glomb, Ph.D.

Awarded for a **book** published in
Bloomsbury Academic

Book title:

*Connecting the Isiac Cults : Formal Modeling
in the Hellenistic Mediterranean*



Head, Centre for the Digital
Research of Religion





prof. RNDr. Petr Hliněný, Ph.D.

Awarded for an **article** published in a journal **Combinatorica** and **article** published in a **Journal of Combinatorial Theory**

Article titles:

- Bounded Degree Conjecture Holds Precisely for c -Crossing-Critical Graphs with $c \leq 12$
- Clique-width of point configurations



Professor, Department of
Computer Science



doc. RNDr. Mgr. Jozef Hritz, Ph.D.

Awarded for gaining a prestigious grant
Excellence Hubs

Project title:

Alzheimer's Disease Diagnostics Innovation and Translation to Clinical Practice in Central Europe (ADDIT-CE)



Associate professor,
Lukáš Židek Research Group





prof. Mgr. Libor Jan, Ph.D.

Awarded for a **book** published in
Harrassowitz Verlag

Book title:

Cronica Aule Regie



Professor, Department of History

doc. Mgr. Lucie Jarkovská, Ph.D.



Awarded for **popularization** of her studies on gender and education

Popularization at:
TEDxPragueED

Book title:
Becoming a feminist. The fast and furious companion



Associate professor, Institute
for Research in Inclusive
Education



doc. Mgr. Jan Křivánek, Ph.D.

Awarded for an **article** published in **Science Advances**

Article title:

Spatiotemporal monitoring of hard tissue development reveals unknown features of tooth and bone development.



Head of the research group

prof. RNDr. Václav Matyáš, M.Sc., Ph.D.



Awarded for **gaining** the prestigious grant
Excellence Hubs.

Project title:

*Cyber-security Excellence Hub in Estonia and South
Moravia (CHESS)*



Professor, Department of Computer
Systems and Communications



Lisa Emily Melymuk, Ph.D.

Awarded for an **article** published in **International Journal of Hygiene and Environmental Health**

Article title:

*Exposure to flame retardants in European children —
Results from the HBM4EU aligned studies*



Head, Chemical Pollutants and Human
Exposure Routes



Zoran Milanovic, Ph.D.

Awarded for an **article** published in a journal
Sport Medicine

Article title:

Recreational Football and Bone Health: A Systematic Review and Meta-analysis.



Researcher, Incubator of
Kinanthropology Research

Mgr. Jitka Navrátilová, Ph.D.

Awarded for **popularization** of a project called
Parenting Behind Bars

Popularization at:

- *the Human Rights Council of the Government of the CR*
- *the Working Group on Children of Incarcerated Parents (Committee on the Rights of the Child)*
- *Using media space to promote social sciences and MU*
- *Other media*



Assistant professor, Department of
Social Policy and Social Work



doc. MUDr. Radka Lordick Obermannová, Ph.D.



Awarded for an **article** published in **Annals of Oncology**.

Article title:

Oesophageal cancer: ESMO Clinical Practice Guideline for diagnosis, treatment and follow-up.



Assistant professor, Comprehensive
Cancer Care Department



Mgr. Jana Obrovská, Ph.D.

Awarded for an **article** published in **Journal of Education for Teaching**

Article title:

Promises and challenges of differentiated instruction as pre-service teachers learn to address pupil diversity.



Assistant professor, Department of Education

Adrien Palladino, M.A., Ph.D.



Awarded for a **book** published in **Viella**

Book title:

Inventing Late Antique Reliquaries: Reception, Material History, and Dynamics of Interaction (4th-6th centuries CE)



Assistant professor, Department of Art
History

doc. RNDr. Petr Pařil, Ph.D.



Awarded for **popularization** of life sciences and an **article** published in **Nature**

Article title:

The recovery of European freshwater biodiversity has come to a halt

Popularization of the impact of global climate change on stream organisms in Čro reports, ČT reports and other media



Associate professor, Hydrobiology Group

prof. RNDr. Tomáš Řezník, Ph.D.



Awarded for gaining a prestigious **grant** in a scheme **Horizon Europe Cluster 6**

(Food, bioeconomy, natural resources, agriculture & environment)

Project title:

An open access knowledge and data repository to safeguard soils



Professor,
Department of Geography

Mgr. Karel Říha, Ph.D.

Awarded for gaining the prestigious grant
GAČR EXPRO

Project title:

*Biomolecular condensates in plant germline
differentiation*



EX|PRO



Research Group Leader Senior





RNDr. Jakub Řípa, Ph.D.

Awarded for an **article** published in
Astronomy and Astrophysics

Article title:

*The peak flux of GRB 221009A measured with
GRBA α*



Researcher III, Department of
Theoretical Physics and Astrophysics

doc. RNDr. Jan Sedmidubský, Ph.D.



Awarded for **obtaining the Best Short Article Award Honorable Mention** at the very prestigious **SIGIR 2023 conference (CORE A*)** in Taipei

Article title:

Text-to-Motion Retrieval: Towards Joint Understanding of Human Motion Data and Natural Language



Research and development staff,
Department of Machine Learning
and Data Processing



Mgr. Ondřej Srba, Ph.D.

Awarded for gaining the prestigious grant
GAČR JUNIOR STAR

Project title:

Changing Adaptive Strategies of Mobile Pastoralists in Mongolia: Dynamics in Community Histories and Movement Patterns Documented Through Oral Sources



Vice-head, Department of Mongolian, Korean and Vietnamese Studies

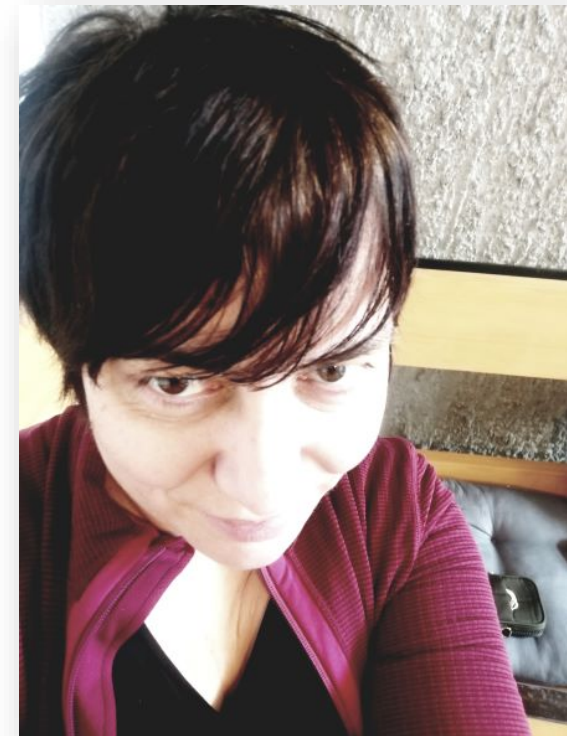


doc. Mgr. Eva Šlesingerová, Ph.D.

Awarded for gaining the prestigious grant
GAČR EXPRO

Project title:

*Robots, Computing Human, and Autism/Cultural
Imagination of Autism Diagnosis and Emotion AI*



Associate professor,
Department of Sociology



Mgr. Jakub Švenda, PhD. & Team

Awarded for an **article** published in
Angewandte Chemie

Article title:

*Convergent Assembly of the Tricyclic Labdane Core
Enables Synthesis of Diverse Forskolin-like
Molecules*



Assistant professor,
Department of Chemistry



RNDr. Petr Těšina, Ph.D.

Awarded for gaining the prestigious
ERC Starting grant

Project title:

*Co-translational quality control in neuronal tissue
and its role in neurodegeneration and ageing*



Research Group Leader Junior





Ahad Zareravasan, PhD

Awarded for an **article** published in a journal
Technological Forecasting and Social Change

Article title:

An ambidextrous approach on the business analytics-competitive advantage relationship: Exploring the moderating role of business analytics strategy.



Assistant professor, Department of
Business Management



doc. JUDr. PhDr. Robert Zbíral, Ph.D.

Awarded for an **article** published in **European Union Politics**

Article title:

*Differentiation through flexibility in implementation:
Strategic and substantive uses of discretion in EU
directives*



Vice-dean for science and research,
Faculty of Law



Ing. Tibor Füzik, Ph.D. Mgr. Marta Šiborová, Ph.D.

Awarded for **article** published in
journal **Nature communications**

Article title:

*Tail proteins of phage SU10 reorganize
into the nozzle for genome delivery*



Senior Staff Scientist
focused on structural
virology



Graduated at MU in 2022,
Post-doc at Utrecht
University

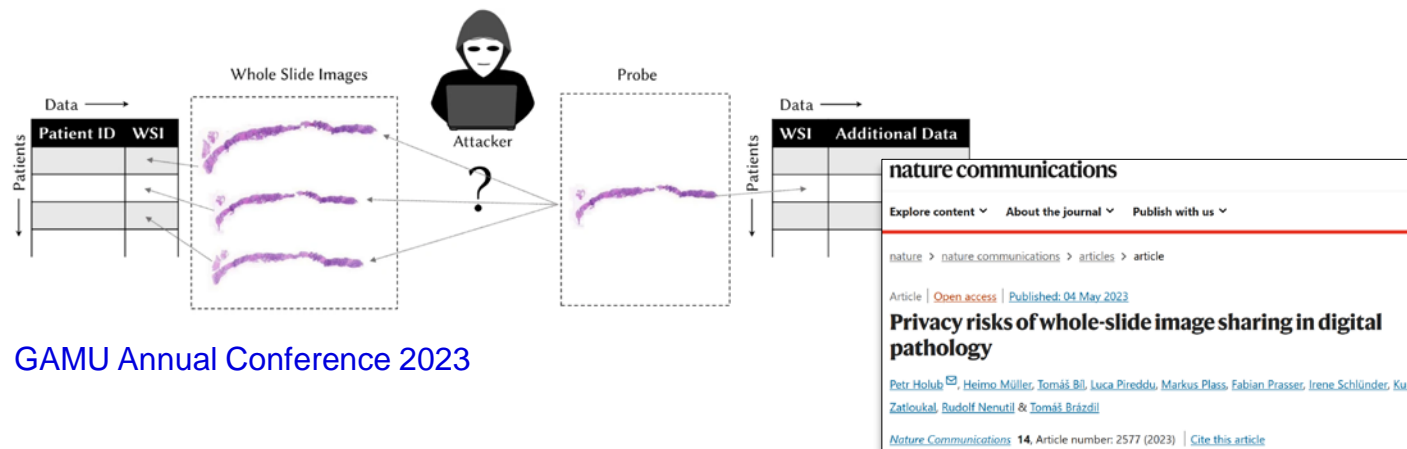
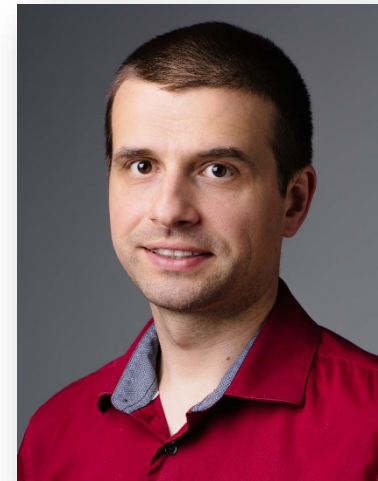


doc. RNDr. Petr Holub, Ph.D. doc. RNDr. Tomáš Brázdil, Ph.D.

Awarded for an **article** published in **Nature Communications**

Article title:

Privacy risks of whole-slide image sharing in digital pathology





doc. JUDr. David Kosař, Ph.D., LL.M., J. S. D. Mgr. et Mgr. Marína Urbániková, Ph.D.

Awarded for an **article** published in
Feminist Legal Studies

Article title:

*The Art of Waiting Humbly: Women Judges
Reflect on Vertical Gender Segregation*



Department head, Department
of Constitutional Law and
Political Science



Assistant professor,
Department of Media
Studies and Journalism



doc. JUDr. David Kosař, Ph.D., LL.M., J. S. D. Mgr. et Mgr. Katarína Šipulová, Ph.D., MSt

Awarded for an **article** published in
Regulation & Governance

Article title:

*Judicial Self-Governance Index: Towards
better understanding of the role of judges in
governing the judiciary*



Department head, Department
of Constitutional Law and
Political Science



Department head,
Judicial Studies
Institute



prof. Mgr. Martin Lysák, Ph.D., DSc.
RNDr. Terezie Malík Mandáková, Ph.D.
Xinyi Guo, Ph.D.
Yile Huang

Awarded for **articles** published in journal
Plant Journal, Frontiers in Plant Science
and **Nature Communications**

Article titles:

- *The meso-octoploid *Heliophila variabilis* genome sheds a new light on the impact of polyploidization and diploidization on the diversity of the Cape flora*
- *The evolution of the hypotetraploid *Catolobus pendulus* genome – the poorly known sister species of *Capsella**
- *The identification of the missing maternal genome of the allohexaploid *camelina* (*Camelina sativa*)*
- *The allotetraploid horseradish genome provides insights into subgenome diversification and formation of critical traits*



Research Group Plant Cytogenomics



doc. Mgr. Markéta Šámalová, Ph.D. doc. RNDr. Jan Hejátko, Ph.D.

Awarded for an **article** published in journal **Plant Physiology** (*Oxford University Press*)

Article title:

Hormone-regulated expansins: Expression, localization, and cell wall biomechanics in Arabidopsis root growth.



Jan Hejátko
Research Group



Associate professor,
Section of
Experimental Plant
Biology



prof. Mgr. Richard Štefl, Ph.D.
doc. Mgr. Karel Kubíček, PhD.
Mgr. David Zapletal

Awarded for **article** published in journal
Molecular cell

Article title:

*Structural and functional basis of mammalian
microRNA biogenesis by Dicer*



Research Group Structural Biology of Gene
Regulation

MUNI

THANK

YOU!