

## PERSONAL INFORMATION

## Levente Kovacs



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Google Scholar: <https://scholar.google.com/citations?user=l3trTn8AAAAJ&hl=en>

Brainmap code: U-2300-069R-7770

Sex male | Date of birth 11/04/1987 | Nationalities Romanian/Hungarian

## WORK EXPERIENCE

02/10/2025 – present

**Assistant professor**

Babeş-Bolyai University, Faculty of Medical and Health Sciences, Cluj-Napoca, Romania

- Scientific research and teaching

Business or sector academia

02/10/2023 – 01/10/2025

**Assistant professor**

Babeş-Bolyai University, Faculty of Biology and Geology, Department of Biology and Ecology of the Hungarian Line, Cluj-Napoca, Romania

- Scientific research and teaching

Business or sector academia

15/01/2021 – 15/09/2023

**Postdoctoral Scholar Research Associate in Biology and Biological Engineering**

California Institute of Technology (Caltech), Division of Biology and Biological Engineering, California, USA

- Scientific research and teaching

Business or sector academia

01/06/2016 – 31/01/2021

**Postdoctoral Research Associate**

University of Cambridge, Department of Genetics, Cambridge, UK

- Scientific research

Business or sector academia

15/09/2014 – 31/12/2016

**Research Associate**

Biological Research Centre of Hungarian Academy of Sciences, Szeged, Hungary

▪ Scientific research and teaching

Business or sector academia

## EDUCATION AND TRAINING

2011 - 2015

**Doctor in Biological Sciences (date conferred: 28/05/2015)**

University of Szeged, Doctoral School of Biology, Szeged, Hungary

▪ genetics, molecular biology, cell biology, animal and plant physiology

2008 - 2010

**Master in Biology, Molecular Biotechnology program**

Babeş-Bolyai University, Faculty of Biology and Geology, Cluj-Napoca, Romania

▪ recombinant DNA technology, molecular genetics and biotechnology, bioinformatics

2005 - 2008

**Bachelor in Biology**

Babeş-Bolyai University, Faculty of Biology and Geology, Cluj-Napoca, Romania

▪ sub- and supraindividual biology topics

## PARTICIPATION IN RESEARCH PROJECTS

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- Financed period  
2025 - 2026 **PN-IV-P2-2.1-TE-2023-0123**  
Source: UEFISCDI, Ministry of Education, Romania, awarded to **Dr. Levente Kovacs**  
Volume: 483.924 RON
- Financed period  
2020 - 2025 **DMG2.CENTRO-1-NIHP.NS113930A**  
Source: National Institute of Health, U.S. Department of Health & Human Services, USA, awarded to Prof. David M Glover  
Volume: 1.004.224 USD  
Resulted publication:  
Kovacs et al (2022) Targeting Drosophila Sas6 to mitochondria reveals its high affinity for Gorab. *Biol Open* 11 (11)  
- I participated in producing preliminary data and writing scientific part of the grant application and I was partly paid from this grant
- Financed period  
2020 - 2025 **DMG2. MAUVE -1-NIHPS.NS119614A**  
Source: National Institute of Health, U.S. Department of Health & Human Services, USA  
Volume: 437.868 USD  
- I participated in producing preliminary data and writing scientific part of the grant application and I was partly paid from this grant
- Financed period  
2016-2021 **Wellcome Investigator Award 202855/Z/16/Z**  
Source: Wellcome Trust, United Kingdom  
Volume: 1.543.160 GBP  
Resulted publications :  
Fatafska et al (2021) The dimeric Golgi protein Gorab binds to Sas6 as a monomer to mediate centriole duplication . *Elife* 10:e57241.  
Kovacs et al (2018) Gorab is a Golgi protein required for structure and duplication of Drosophila centrioles. *Nature Genetics* 50(7):1021-1031.  
- I participated in producing preliminary data and writing scientific part of the grant application and I was partly paid from this grant

## HONOURS AND AWARDS

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- 2015-2016 Fellowship of Young Investigators by Hungarian Academy of Sciences  
2010 Domus Hungarica Scientiarum et Artium Fellowship, Hungarian Academy of Sciences  
2008-2009 „Apáthy István” Fellowship, Federation of Hungarian Universities from Cluj-Napoca

TEACHING ACTIVITIES

- 2023-2024 As assistant professor at Babeş-Bolyai University, responsible for following topics: animal physiology practicals, histology practicals, applied molecular biology lectures and practicals, genetic counselling lectures and practicals, ultrastructure of the cell lectures and practicals
- 2022-2023 Conceptualization, organization and teaching of Bi23 Tutorial “**Classical and Modern Aspects of Genetic Engineering**”, California Institute of Technology, Pasadena, USA (in English)
- 2013,2014, 2016 Giving lectures of „Cell cycle regulated proteolysis” within the frame “International Training Course” (ITC), Biological Research Centre of Hungarian Academy of Sciences, Szeged, Hungary (in English)
- 2014, 2015 Giving three lectures on the topic “Cancer and cell cycle”, Department of Genetics, University of Szeged, Szeged, Hungary (in Hungarian)
- 2012,2013,2014,2015 Organizing and tutoring of laboratory practicals on genetics, Department of Genetics, University of Szeged, Szeged, Hungary (in Hungarian)
- 2014, 2015 Organizing and tutoring of laboratory practicals on recombinant DNA technology, Babeş-Bolyai University, Faculty of Biology and Geology, Cluj-Napoca, Romania (in Hungarian)

PERSONAL SKILLS

Mother tongue(s) Hungarian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
	Romanian	C2	C2	C2	
English	C1	C1	C1	C1	C1
German	A2	B1	A2	A1	A1

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user  
[Common European Framework of Reference for Languages](http://www.cerl.eu)

**Informatics skills** ▪ familial with the use of Microsoft Office, Adobe Creative Cloud (Photoshop, Illustrator), ImageJ and other softwares used for microscopy image processing and analysis

**Communication skills** ▪ Good team work, building good interpersonal relationships, responsibility

**Organisational / managerial skills** ▪ Ability to identify and resolve organisational problems, ability to evaluate scientific projects, ability to plan, organize and manage scientific research  
 ▪ Supervised the lab work of a total of 15 undergraduate and graduate students during my graduate and postdoc years  
 ▪ Since October 2023 I am responsible to run **my own laboratory** of genetic disease modelling in *Drosophila* within the frame of the Institute for Research, Development and Innovation in Applied Natural Sciences (ICDI-SNA), Babeş-Bolyai University

RECENT CONFERENCE ATTENDANCES

- 25-28.09.2025 28th European Drosophila Research Conference (EDRC), Alicante, Spain, **poster**
- 03-05. 06.2025 flyJEDI: Junior European Drosophila Investigator 10th Meeting, Chateau du Feÿ, France, **talk**
- 06-10. 04. 2022 63rd Annual Drosophila Research Conference, San Diego, California, USA, **poster**
- 10-13.10.2021 EMBO Workshop: Centrosomes and spindle pole bodies, Copenhagen, Denmark, **poster**

- 14-18. 10.2019 CSH Asia Cilia and Centrosome meeting, Suzhou, China; **oral presentation**
- 08-12.04.2019 CNRS - Conférences Jacques Monod, "Mitotic and Meiotic Cell Cycle control and execution", Roscoff, France; **poster**
- 25.01.2019 Abgenei UK Cancer Research Club: Cytoskeleton, Chromosomes and Cell Cycle, London, United Kingdom; **oral presentation**

#### CONFERENCE ORGANIZATION ACTIVITIES

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- 20-21.03.2026 26<sup>th</sup> Biology Days, Cluj-Napoca, Romania , member of organising committee
- 11-13. 04.2025 25<sup>th</sup> Biology Days, Cluj-Napoca, Romania , member of organising committee