TIMIȘOARA
LIFE SCIENCE
HACKATHON

WHERE TECH MEETS LIFE SCIENCES

Timișoara Life Science Hackathon

Engineering Ideas.
Advancing Life Sciences

21 NOV 2026

TIMIȘOARA
LIFE SCIENCE
HACKATHON

The context

01. **Lack of Brand Differentiation**

Timișoara used to be focused on automotive and software outsourcing. Current global evolutions in tech diverge from this traditions. We must adapt and start exploring alternatives!

No one can exclude life sciences as topics worth exploring!

02. **Unleveraged Easy to Reorient Competences**

Existing competences (image and pattern recognition, machine learning, complex signals and image processing, automation and autonomous processes design and control, robotics and hardware design and manufacturing) are easily and value adding when used in life science.

03. **Keeping Up with Trends**

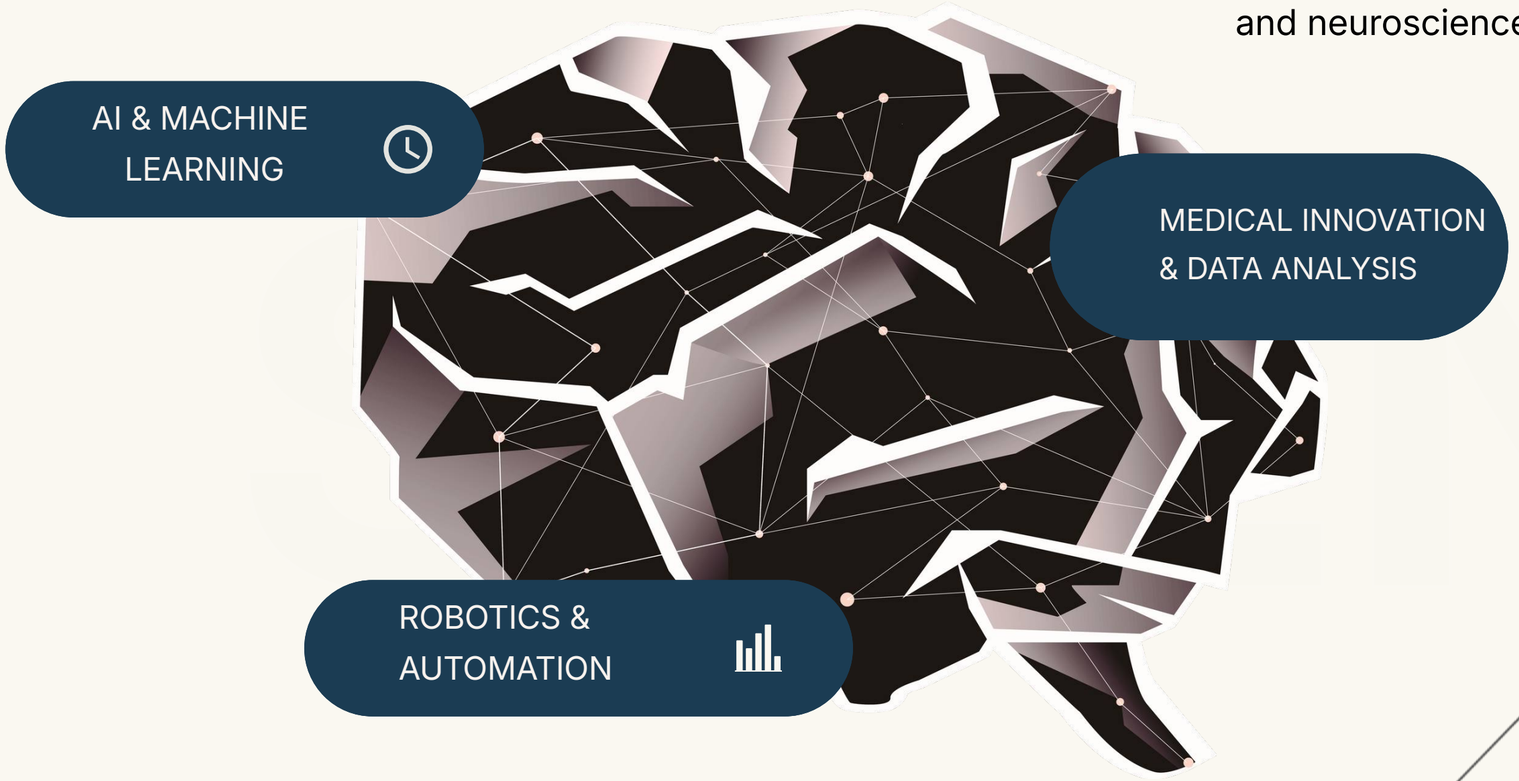
We are inviting high school and university students, young and experienced professionals to join an intensive one day hackathon aiming to sketch-up solutions for challenges coming from biology, medtech, neuroscience, biotech, longevity, etc .

Timișoara’s next INNOVATION Chapter

From Engineering to Life Sciences

A new direction for local innovation

Timișoara’s engineering and digital talent can help address emerging challenges in healthcare, biology and neuroscience



20+ YEARS OF TECH EXPERTISE

As global technology evolves, new opportunities are emerging to apply the city's technical expertise to fields with transformative potential.

Where Tech Meets Life Sciences

One Day. Real Challenges. New Solutions.

An intensive one-day hackathon connecting students, engineers, healthcare enthusiasts and professionals to develop innovative concepts addressing challenges in biology, medicine and neuroscience.

Interdisciplinary Collaboration

Bringing together diverse expertise to explore real-world life sciences challenges through creativity, teamwork and technology.

Solution-Driven Innovation

Seamlessly connect disparate software systems into unified, intelligent pipelines that operate without manual intervention.

Become a mentor.
Help ideas become solutions.

One day. Real challenges. Your expertise.

Tech

Software, AI, imaging & robotics experts

- Pick a realistic stack
- Unblock code & data
- Get the demo working

Medical

Doctors, researchers & biotech experts

- Check the need is real
- Keep it clinically safe
- Share how care works

Business

Founders, investors, product & sales people

- Shape the value prop
- Test the business model
- Coach the final pitch

**Want to mentor on 21 November? Write to hackathon@timisoara.bio or call 0751974985.*

A collaboration of:



DevPlant
//cowork

ASOCIAȚIA
ONE SOURCE

MLH
MAJOR LEAGUE HACKING

Let’s talk
Numbers

50+

participants across universitites, highschsools, and domain experts

36 students

10 professionals

8 mentors and other organizers

Meet The Team



Miruna-Maria Damian

Technical

Miruna is a Timișoara-based tech professional with an international academic background. She is a University of Cambridge alumna and a PhD student at Politehnica University of Timișoara. She works at Qualcomm, the global semiconductor and wireless technology company.



Raluca Ardelean

Technical

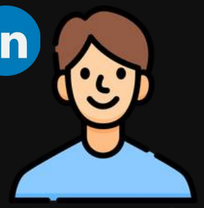
Senior Scrum Master, Technical Project Manager, Product Owner and Agile Trainer, with 15+ years in IT, backed by an 8-year foundation as a software engineer and advanced Applied Neuroscience studies, with leadership of global distributed engineering teams, driving AI-augmented delivery workflows and bridging the gap between technology and neuroscience.



Daniela Gros

Medical

Final-year medical student with clinical experience across the Netherlands & Austria, spanning neurosurgery, radiology and psychiatry. SMURD volunteer, SSCR Surgical Skills Trainer, Medical Congress organiser through SSMT and Marketing Team Leader at MedFOCUS.She aims to bring clinical insight into multidisciplinary teams.

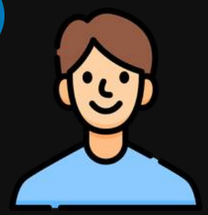


Emanuel Rusu

Technical

With a BSc in Computer Science and a MSc in Cybersecurity, Erasmus studies in Austria, Manu is an Agentic AI developer. Entrepreneurship bootcamp performer, he represented Romania at China's Grand Finale and was invited to speak in Rome. A frequent tech contests winner and IT&C policy he's an Aspen Institute community member.

Meet The Team



Mihai Simedrea

Technical

Mihai Simedrea is a Software Developer and ML Engineer, with a strong background in computer science and artificial intelligence. As co-founder and CEO of Symbiote BCI, he achieved 2nd place at the Imperial College Neurotech Society Hackathon in London and 1st place at a defence-focused hackathon in Sibiu.



Radu Ticiu

Community

Radu Ticiu is a non-formal STEM educator and Timișoara tech ecosystem builder. He has helped shape Western Romania's tech and startup scene, organising 20+ hackathons, including HackTM, NASA Space Apps Challenge. Radu co-founded Growceanu Angel Investment and leads (Bio)CoderDojo Timișoara. He promotes iGEM across Europe and is a Hackathon Hub ambassador. Radu leads a biotech hardware stealth startup.



Claudia Secrieru

Administrative

Secrieru Claudia is a mechanical engineer based in Timișoara, Romania, with more than 20 years of experience in engineering, quality control and auditing. She holds a doctorate in engineering from Politehnica University Timișoara (UPT), where she has worked since 2009 and has been a Research Administrator since 2022. Before that she spent over a decade as a Quality Engineer.

Meet The Team



Andreea Petrie

Medical

Andreea is a dental student at Victor Babeș University of Medicine and Pharmacy, Timișoara, and a part-time Research Scholar since 2024, focused on dentistry and biotechnology. She likes working where science, data and people meet. She gained data analysis experience as an Operations Intern at Oncochain and led HR coordination for the Timișoara Dental Students Association for two years.



Adriana Tamaș

Management

Adriana Tamaș is an IT and Cybersecurity Project Manager. She holds a Master's degree in Medical Engineering with a focus on Quality Management and Medical Devices, and is a final-year Psychology student at UBB. She currently leads an international team delivering custom security solutions and brings over 4 years of experience implementing MES systems.

Join us on socials.
Know interested people?

Send them these links to join the event

Linkedin

View the Linkedin event by clicking here.

Registering

View and join the event by clicking here.

Contact

hackathon@timisoara.bio

0751974985

**Want to offer mentorship, or invest in any form? Just contact us.*