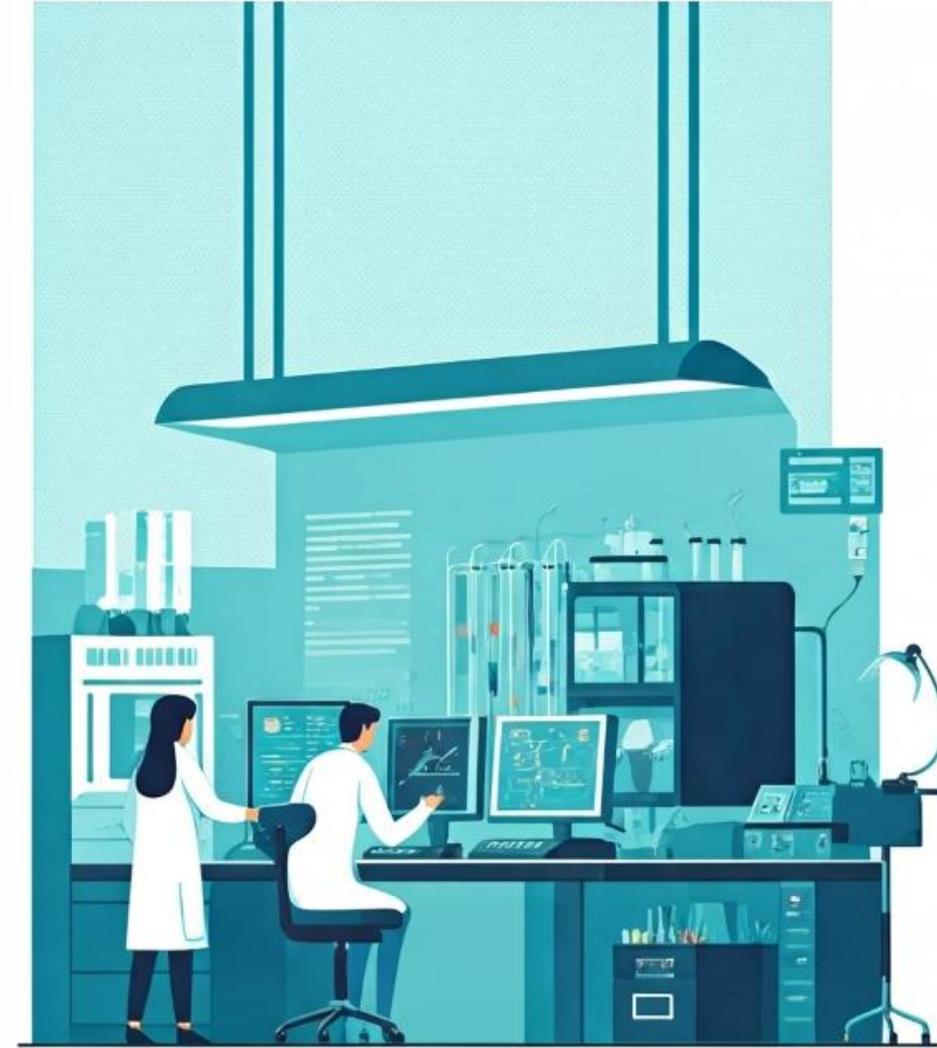


Health

5 centres of excellence in the field of health, covering drug discovery, mental health, cardiovascular diseases, neurosciences and antimicrobial resistance. The largest budget by domain – 429.5 mil. lei

- Integrated multidisciplinary platform for accelerated and innovative therapeutic discovery (0088)
- Mental health in a rapidly changing society: A multi-level approach, from genes and molecules to neural networks and psychosocial systems (0139)
- Center of Excellence for Advanced Translational reSEARCH in CardioVASCular and CerebroVASCular Diseases (0029)
- Establishing the Romanian Center of Excellence in Clinical Neuroscience (NeuRoX) (0141)
- National Multidisciplinary Research Centre of Excellence for Drug-Resistant Infections (0196)



Establishing the Romanian Center of Excellence in Clinical Neuroscience (0141)

***Purpose:** harnessing the advanced fields of neurotechnology, artificial intelligence and transcriptomics to revolutionize the management of neurological diseases, for: the discovery of specific biomarkers and effective and novel therapeutic approaches; the development of state-of-the-art models and organoids that allow understanding the dynamics and causality of regulatory interactions; the development of hardware in a biology-focused approach; the identification of the dynamics and causality of gene regulatory networks, supporting clinical, biological and engineering objectives.*

Coordinator: Prof. Roxana CĂRARE – George Emil Palade University of Medicine, Pharmacy, Science and Technology of Târgu Mureș

Partners:

- UTBv - Transilvania University of Brașov
- IVB - Victor Babeș National Institute of Pathology and Biomedical Sciences
- Iuliu Hațieganu University of Medicine and Pharmacy
- University of Medicine and Pharmacy of Iași - Grigore T. Popa
- Târgu Mureș County Emergency Clinical Hospital

Mentor: Stefano Pluchino

Institution: University of Cambridge, UK



Region: **Center**

Performance:

Final Score: **86,5** points