

EURAXESS – Researchers in Motion is an initiative of the European Research Area (ERA) that addresses barriers to the mobility of researchers and seeks to enhance their career development. This pan-European effort is currently supported by 40 countries. Here we focus on Hungary.



Hungary is an OECD high-income mixed economy with very high human development index and skilled labour force with the 16th lowest income inequality in the world, Budapest is the financial and business capital of Hungary. Hungary's achievements in science and technology have been significant, and research and development efforts form an integral part of the country's economy.



NEMZETI KUTATÁSI,  
FEJLESZTÉSI ÉS INNOVÁCIÓS HIVATAL



# EURAXESS country in focus: Hungary

## Research & Innovation in Hungary

In the knowledge-based market economy, growth in prosperity, performance and employment is determined by the knowledge intensity and the dynamic development of high technology. Hungary considers R & D and innovation as a driving force and accelerating resource of its economy. The vision for the future in their strategy is as follows:

- the world class research institutes in emphasized disciplines
- R & D centres of global companies integrated into the national innovation system
- R & D intensive Hungarian medium-sized companies expanding on international markets
- RDI based small and medium-sized enterprises with fast growth potential
- innovative SME suppliers
- innovative start-ups
- international market integrated early-stage and venture capital investors
- public institutions performing R & D activities and utilising innovations

## Hungarian Research & Innovation institutions

### National Research, Development and Innovation Office (NKFIH)

**NKFIH** is the major national strategic and funding agency for scientific research, development and innovation, the primary source of advice on RDI policy. It is in charge of managing the National Research, Development and Innovation Fund (major domestic public source for funding RDI). The program portfolio includes calls for national and bilateral basic research for academic and other research institutes and universities. Competitive research grants are provided for young researchers, postdocs and experienced researchers. It supports bilateral mobility and project based cooperation with partner countries, enhances Hungarian participation in the RDI framework program (Horizon 2020) of the European Union, gives financing for the Hungarian winners of joint programs of EU and member states, EUREKA and ERA-NETs. It supports the development of innovative and competitive products, technologies and services by enterprises or through the collaboration of enterprises, research institutes and universities. The Office takes part in the planning of calls and organises expert evaluation of project applications with RDI focus financed from The European Union Structural Funds under the Economic

Development and Innovation Operation Programme (EDIOP) closely cooperating with the responsible Managing Authority, Ministry for National Economy. The calls focus on the improvement of corporate RDI activities, co-operation between the academic and the business sector, as well as the improvement of RDI infrastructures.

See more at <http://nkfih.gov.hu/english>



The **MTA Wigner** Research Centre for Physics has been founded in 2012 by the merging of two former research institutes of the Hungarian Academy of Sciences: the Research Institute for Particle and Nuclear Physics, and the Research Institute for Solid State Physics and Optics. The Research Centre has 40 research groups in 2 institutes (Institute for Particle and Nuclear Physics and Institute for Solid State Physics and Optics). Their research fields cover diverse topics ranging from particle physics to space physics, and from theoretical physics to applied research.

See more at <https://www.wigner.mta.hu> or <https://www.facebook.com/MTAWignerFK/>



**MTA SZTAKI** is the Hungarian acronym of "Institute for Computer Science and Control, Hungarian Academy of Sciences". The Institute was founded in 1964. The fundamental task of the Institute is to perform basic and application-oriented research in an interdisciplinary setting in the fields of computer science, engineering, information technology, intelligent systems, process control, wide-area networking and multimedia. Contract-based target research, development, training and expert support for domestic and foreign industrial, governmental and other partners are important activities at the institute. The mission of MTA SZTAKI includes the transfer of up-to-date research results and state-of-the-art technology to university students. The Institute is very active in graduate and postgraduate education, co-operating with most technical universities in.

See more at <https://www.sztaki.hu/en> .



**NAIK**, the National Agricultural Research and Innovation Centre was established to align research institutes responsible for providing the professional background of Hungarian agriculture. The research activities of NAIK cover all the important fields of agriculture including irrigation, crop breeding, animal breeding, food science, forestry and horticulture, dairy industry, seed breeding and fishery, viticulture and vine research. NAIK aims to enable its research institutes to work in cooperation as efficiently as possible.

NAIK places special emphasis on the arrival of new scientists in order to increase competitiveness. To this end, it operates a young researcher program. It also aims to keep talented young people at its institutes on the long term. NAIK's companies work to enable achieved results to appear faster and more competitively on the domestic and international market.

See more at <http://www.naik.hu/en>.



**BAY-BIO:** Bay Zoltán Non-profit Ltd. is Hungary's leading institution of applied research. Its Institute of Biotechnology (BAY-BIO) was established in 1993 as the first institute of the Ltd.'s legal predecessor.

The main objective of the Biotechnology Division is to fulfil its research and development tasks at the highest possible professional level. The institute aims to develop cutting-edge technological solutions which can contribute to the establishment and sustainment of a clean and liveable natural environment. In line with the key objectives of the Company, BAY-BIO's mission is to implement technology transfer, i.e. to realize the economic utilization of research-development achievements; to accomplish and publish adaptable research findings in the area of biotechnology. See more at <http://www.bayzoltan.hu/hu/rolunk/divizok-osztalyok/bay-bio-biotechnologiai-divizio/>



**Innostudio, Inc.** is one of the largest upstream technology networks in the CE region in Europe. The company is specialized in high risk – high potential technical innovation. Studios within the corporation are focused towards nanotechnology, bringing flow chemistry and other chemical technology to Space and supporting drug discovery through IT technology, among others. See more at <http://innostudio.org/>



**ThalesNano, Inc.** is the world leader in bench-top flow chemistry reactors. The company has the widest portfolio of bench-top continuous process instruments for the flavour and fragrance, pharmaceutical, biotech, fine chemical, petroleum/biofuel, and education markets. Its products are used in hundreds of laboratories globally. See more at <http://www.thalesnano.com/>



## Hungarian Investment Promotion Agency (HIPA)

HIPA is a national investment promotion organisation governed by the Ministry of Foreign Affairs and Trade. It provides management consulting services to interested companies free of charge in an end-to-end, one-stop-shop service model, supporting them in selecting a business location, providing tailor made incentive offers and information on state aid issues, identifying investment possibilities and dealing with public authorities. See more at <https://hipa.hu/main>

## Educational relations

### Tempus Public Foundation

Tempus Public Foundation (TPF) is a non-profit organization established in 1996 in Hungary, managing international cooperation programmes, special projects in the field of education, training and EU-related issues:

- supports initiatives on modernization and quality improvement of education, training and human resources development,
- encourages international cooperation and mobility,



- strengthens the European dimension in these fields,
- coordinates a number of short and long-term scholarships for students and researchers

Hungarian scholarship opportunities for researchers and students from Japan: [Stipendium Hungaricum Scholarship Programme](#)

[Hungarian State Scholarships for researchers.](#)

### **Hungarian Rectors' Conference (HRC)**

The Hungarian Rectors' Conference, as the unique representative body of the local universities, is proud to be one of the oldest and most prestigious organizations in Hungary responsible for the university sector, academic cooperation and internationalization of the higher education. Recently, a great emphasis has been put on fostering internationalization in Hungary, and the HRC is taking a major role in enhancing incoming and outgoing student mobility, promotion of Hungarian culture, innovations, academic life and research cooperation, and concluding various international projects and agreements.

Contact person: Ms. Júlia Morován, Secretary for International Affairs, E-mail: [mrk@mrk.hu](mailto:mrk@mrk.hu), See more at: <http://www.mrk.hu/en/current/>

### **Information for incoming researchers – EURAXESS Hungary**

Bay Zoltán Nonprofit Ltd. was appointed to lead the EURAXESS project by the National Research, Development and Innovation Office of Hungary. As the Bridgehead Organization, the Hungarian coordinator of [EURAXESS in Hungary](#), Bay Zoltán Nonprofit Ltd. focuses on mobility services for outgoing and incoming researchers to Hungary.

Bay Zoltán Nonprofit Ltd. provides incoming researchers with up-to-date advice on daily life and formalities when living in Hungary including visa and entry conditions to the EU, accommodation, banking, family-related issues, Hungarian language courses for foreigners and health insurance. The EURAXESS network in Hungary has 13 members throughout the country: Hungarian Academy of Sciences, Tempus Public Foundation, Szent István University, Eötvös Loránd University, Corvinus University of Budapest, Semmelweis University, Óbuda University, College of Nyíregyháza, University of Debrecen, University of Miskolc, University of Szeged, University of Pécs, Széchenyi István University.



<https://www.euraxess.hu/>

