



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 over 40 countries, of which we will profile one in each of our quarterly EURAXESS CELAC newsletters. In the December 2017 edition, we zoomed in on HUNGARY.

READ OUR EURAXESS countries in FOCUS:

Focuses on other EU countries are available [here](#).

So far, we featured the following countries:

Luxembourg, Greece, Estonia, the Czech Republic, the Netherlands, Slovakia and **SPAIN**.



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 members in focus: HUNGARY

Did you know Hungary is one of the top countries with the highest number of scientific Nobel Prize Winners per capita, and that a numerous scientific inventions from color TV or Vitamin C to Rubik's cube came from this Central European country?

HUNGARY - Research & Innovation

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 research, development and innovation as a driving force and accelerating resource of its economy.

The country's strategy envisages the primary objectives of strengthening the investments in research and development and innovation in Hungary, modernizing the related institutional solutions and achieving a real breakthrough over a strategic time horizon as a result.

It is recommended to build the RDI strategy around three priority axes in order to ensure that the public and business resources spent on the RDI sector in Hungary are a worthwhile investment in the future:

1. internationally competitive knowledge bases which can underpin economic and social progress,
2. promoting co-operation in knowledge and technology transfer which is efficient both at the national and international levels, and
3. innovative enterprises intensively utilising the results of modern science and technology, and in the public sector. These three priority axes also mean that there is a need for a methodical system building in the field of RDI in Hungary.

Hungarian Research and 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 programme 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 programme (Horizon 2020) of the European Union, funds the Hungarian participants in EU and member states joint programmes, 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.



[MTA Wigner](#)

The MTA Wigner **Research Centre for Physics** was founded in 2012. It 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.



[MTA SZTAKI](#)

MTA SZTAKI is the **Institute for Computer Science and Control, Hungarian Academy of Sciences**. The Institute was founded in 1964 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**.

The Institute is very active in graduate and postgraduate education, co-operating with most technical universities.

[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 places special emphasis on the arrival of new scientists in order to increase competitiveness. To this end, it operates a **young researcher programme**. It also aims to keep talented young people at its institutes on the long term.

[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 realise the economic utilisation of research-development achievements; to accomplish and publish adaptable research findings in the area of biotechnology.



[Innostudio, Inc.](#) is one of the largest upstream **technology networks** in Central Europe. The company is specialised 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.



[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 worldwide.



Investment

[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.

Educational relations

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

- supports initiatives on modernisation 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.



More:
<http://studyinhungary.hu/>

Explore Hungarian scholarship opportunities for researchers and students from Latin American and Caribbean States, among them:

- [Stipendium Hungaricum Scholarship Programme](#) for bachelor, master, doctoral, and non-degree programmes (preparatory and specialisation courses) in Hungary.

The programme was launched in 2013 by the Hungarian Government to increase the number of foreign students in Hungary and to encourage Hungarian higher education institutions to attract top foreign students. The programme is based on bilateral educational cooperation agreements signed between the Ministries responsible for education in the sending countries/territories and Hungary or between institutions. Currently more than 50 Sending Partners are engaged in the programme throughout 4 different continents.

In Latin America, the call is open to citizens of **Brazil, Chile, Colombia, Cuba, Ecuador Mexico, Paraguay and Peru**.

Apart from the tuition-free education, the Programme provides monthly stipend, medical insurance and housing allowance. The call is currently open, with a deadline on **16 February 2018**.

- [Hungarian State Scholarships for researchers](#) to perform short or long-term research in Hungarian higher education institutions or any research institutes. Eligible countries: **Argentina, Chile, Mexico**. Deadline: **30 January 2018**.

[Hungarian Rectors' Conference \(HRC\)](#)

The Hungarian Rectors' Conference, as the unique representative body of the local universities, is one of the oldest and most prestigious organisations in Hungary **responsible for the university sector, academic cooperation and internationalisation of the higher education**. Recently, a great emphasis has been put on fostering internationalisation 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 at the Hungarian Rectors' Conference: Ms. Júlia Morován, Secretary for International Affairs,
mrk@mrk.hu

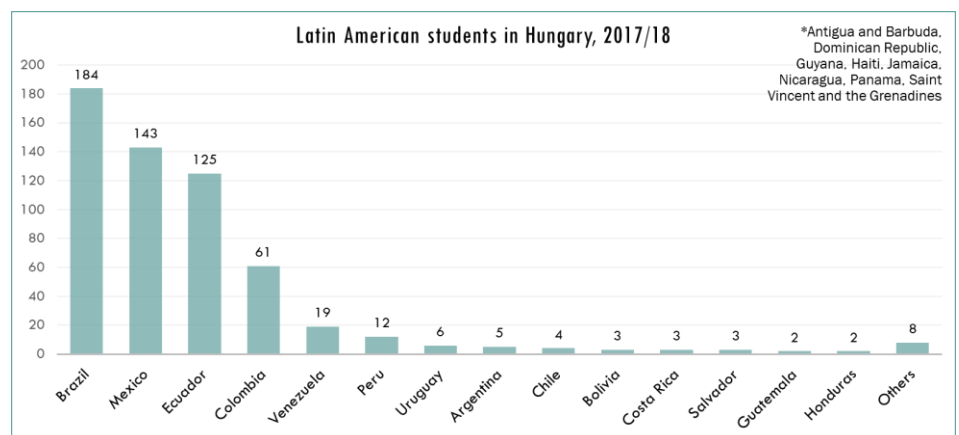


Hungary - Latin American cooperation

This Focus on Hungary was provided by EURAXESS India, with the support of the Hungarian Embassy to India. It also includes a contribution of the Hungarian Rectors' Conference and more specifically Dr. Balázs Vince Nagy, who used to represent the HRC in Brazil. Read his interview conducted in 2015 [here](#).

In the academic year 2017/18, altogether 580 Latin American students studied in Hungary, representing 22 countries. Most of them thanks to the Stipendium Hungaricum Scholarship Programme.

The Hungarian Rectors' Conference has as strong cooperation with Brazil. The organisation took care of the mobility of almost 2300 Brazilian students under the Science without Borders programme. It is also a strong promoter of Stipendium Hungaricum programme and all forms of Hungarian – Latin American cooperation between HEIs. The HRC also supports the mobility of researchers to Hungary. Contacts may be made through international@mrk.hu.



Important information for incoming researchers – [EURAXESS Hungary](#)

Bay Zoltán Nonprofit Ltd. was appointed to lead the EURAXESS project in Hungary 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, and Széchenyi István University.

