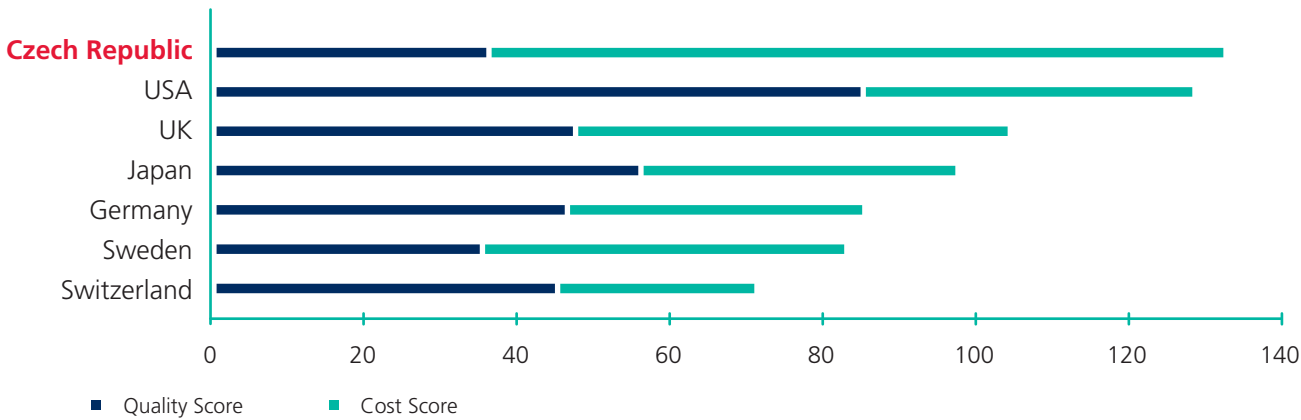


# CZECH REPUBLIC IN NUMBERS

## ATTRACTIVENESS INDEX

Overall the most attractive\* advanced country in Life Sciences is the Czech Republic.



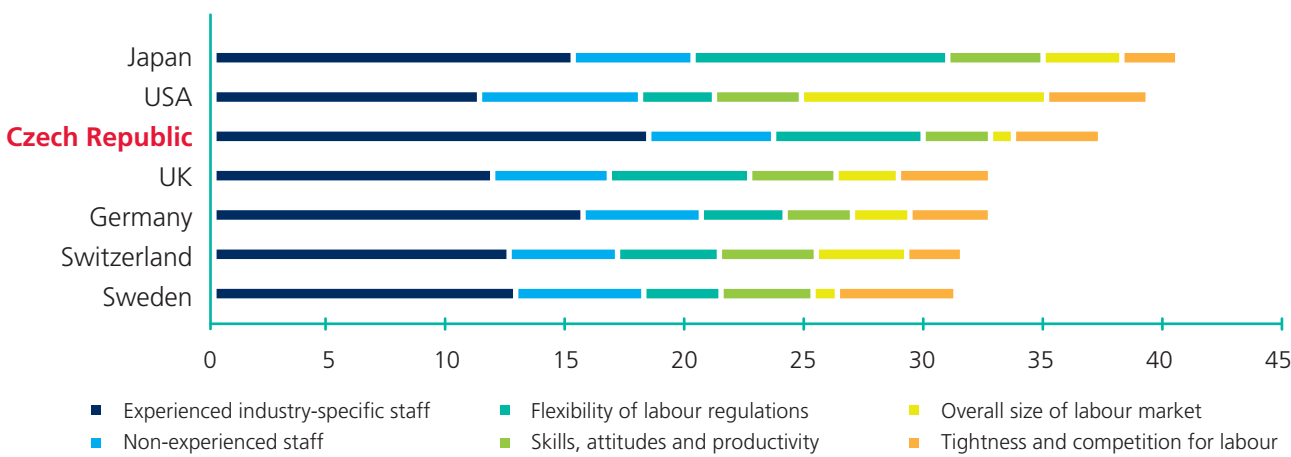
\* as defined by a combination of cost and quality ratio  
Source: fDi Benchmark, a service from the Financial Times Limited 2016

## INCENTIVES



## LABOUR AVAILABILITY AND QUALITY

Highest proportion of experienced and industry specific staff to be found in the Czech Republic



Source: fDi Benchmark 2016

## OUR TEAM



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# Czech Republic

Land of Life Sciences

# Czech Republic

## Land of Life Sciences



Embassy of the Czech Republic in Sweden

**JIŘÍ ŠITLER**  
AMBASSADOR



Dear Business Partners,

The Czech Republic is home to a number of noteworthy research institutes and universities recognised for their research in molecular genetics, immunology, analytical and pharmaceutical chemistry and biochemistry, oncology, neuroscience and metabolic diseases among other fields.

We are bringing top Czech research institutes to Stockholm to present that our country is embracing global partnerships and is becoming once again one of the leading centres for medical and pharmaceutical research and manufacture. As a country that laid down the principles of inheritance, introduced the contact lens to the world and successfully developed the compounds on which current anti-AIDS drugs are based, the Czech Republic's research institutes are now partnering with the world's best pharma companies to create the next generation of healthcare.

We believe we can offer you mutually beneficial cooperation in research and development in the life sciences sector as well as attractive conditions for any investment plan you may have.

I would like to wish you every success at this year's exhibition and conference.



[www.czechinvest.org](http://www.czechinvest.org)

CzechInvest, the Investment and Business Development Agency of the Ministry of Industry and Trade, encourages overseas companies to look at the Czech Republic as their location of choice and works with businesses based in the Czech Republic to support their development. The agency provides services that range from information provision and consultancy to implementation of business development programmes.

Services of CzechInvest include sector-specific market intelligence, identification of business properties and sites, investment incentives, identification of potential business partners, suppliers and acquisition targets as well as aftercare services. All services are free of charge and are available through our international network as well as offices in the Czech regions.

## Companies at NLSDays 2016



The Research Company ...

**APIGENEX**

[www.apigenex.com](http://www.apigenex.com)

APIGENEX is a growing contract research organization located in Prague. Its continuous and close partnership with Novo Nordisk A/S Denmark in the research of diabetes/obesity lasts for 20 years.

APIGENEX provides high quality services in pre-clinical development and early-stage discovery in three major fields – medicinal chemistry, peptide synthesis and in-vivo experimental pharmacology – to both Czech and international pharmaceutical companies and institutions. Research activities have recently expanded to a small-scale GMP production of highly potent API (peptides, glycopeptides).



INSTITUTE OF ORGANIC CHEMISTRY AND BIOCHEMISTRY  
ACADEMY OF SCIENCES OF THE CZECH REPUBLIC

**INSTITUTE OF ORGANIC  
CHEMISTRY AND BIOCHEMISTRY**

[www.uochb.cz](http://www.uochb.cz)

The IOCB Prague performs fundamental research in organic chemistry and biochemistry oriented mainly to medicinal applications and drug discovery and benefits from long-term collaborations with industry partners. Most important are the collaborations with Gilead Sciences and Ferring resulting in HIV-market leader Tenofovir (Viread™, Truvada™, Atripla™, Striblid™, Complera™) and peptide hormones (Oxytocin™, Adiuretin™, Terlipressin™). The institute recently established IOCB Pipeline Programme which helps to move novel IOCB projects closer to market.

**MERCACHEM**

**MERCACHEM**

[www.mercachem.com](http://www.mercachem.com)

Mercachem is a leading chemistry contract research organisation based in the Netherlands and in the Czech Republic. With over 150 highly trained and dedicated chemists, the company provides a range of chemistry services to support small molecule drug discovery and drug development projects for pharmaceutical companies in Europe, the USA and Japan. Key areas of expertise are synthetic organic chemistry, medicinal chemistry and process R&D.

In its GMP-facility in Prague Mercachem develops chemical production processes for new Active Pharmaceutical Ingredients (small molecules) and produces these compounds under GMP, the highest quality standards, to support further development of new pharmaceutical products.

**nanopharma**

**NANOPHARMA**

[www.nanopharma.cz](http://www.nanopharma.cz)

Nanopharma a.s. is a Czech technology SME operating in the area of nanofiber engineering. Nanopharma is able to design, functionalize and manufacture customized 2D and 3D nanofiber structures – whether for a specific cell line, active ingredient or industrial product using a portfolio of 30+ polymers and blends.

Nanopharma also offers a wide array of materials and services to academic and industrial partners. Apart from contract research and sampling services or licensing drug delivery and hernia repair solutions, the company has recently introduced the new NanoMatrix3D® product line of biomimetic nano- and microfibrous scaffolds for cell culture and molecular medicine.

## Achievements

**TREATMENT OF AIDS & HEPATITIS B**

**One of IOCB's main achievements is the discovery of the open ring phosphonates of nucleosides that allowed successful worldwide treatment of diseases such as AIDS and hepatitis B.**

*"Gilead Sciences decided to establish in Prague its only R&D centre outside the US with the IOCB of the Czech Academy of Sciences. We have done so because of Dr. Antonín Holý and his team have shown such productivity and such impressive scientific leadership over the years."*

**John F. Milligan**  
Executive VP of Gilead



**R&D IN MOLECULAR GENETICS**

**Professor Jan Svoboda, a molecular geneticist of the Institute of Molecular Genetics, was recently awarded for his achievements in the research of retroviruses, which cause a variety of infections but also cancer, leukemia and AIDS.**

*"Congratulations to Professor Svoboda's election on becoming a foreign associate of the National Academy of Sciences USA, one of the highest awards that a scientist can achieve. It confirms his lifelong dedication to scientific excellence."*

**Andrew Schapiro**  
Ambassador of USA to the Czech Republic



**ZENTIVA, SANOFI'S GLOBAL HEADQUARTERS**

**Zentiva, having centuries of history in the Czech Republic, became in 2011 Sanofi's global headquarters for generics business that manages the product development, regulatory and portfolio building.**

*"Zentiva, headquartered in Prague became Sanofi's flagship for research, development and production of generic drugs and plays the key role in our strategy to provide patients with high quality affordable drugs."*

**Hermes Martet**  
CFO Sanofi Group



**GLOBAL HUB OF ELECTRON MICROSCOPY**

**Thanks to TESCAN ORSAY HOLDING and FEI Company with the largest microscope factory in the world, the Czech Republic has become a hub of microscopy with 30% share of the global production of electron microscopes.**

*"A team from the Institute of Scientific Instruments of Czech Academy of Sciences, led by Dr. Vilem Neděla, received a prestigious Wabunshisyo award from the Japanese Society of Microscopy for particularly excellent articles published in the professional journal Kenbikyo. This award was presented for an article titled "New environmental scanning electron microscope and observation of live nature."*

**Japanese Society of Microscopy**

