

TURNING INNOVATION INTO BUSINESS



Health Sciences and Technologies in Luxembourg

The Luxembourg Government has identified the fast-growing Healthcare Biotech sector as a key innovation driver to foster economic diversification and thereby achieve sustainable economic development. By capitalising on the core competences present not only in the public research sector but also in several key private companies, special emphasis has been placed on molecular diagnostics, which is the cornerstone of personalised medicine, a new medical approach aiming to provide an individual with the right diagnosis and treatment at the right time and at the right cost.

Launched in 2008 and supported by a 140M€ public funding programme, a Strategic Partnership Initiative with three world-renowned US research institutions, namely the Translational Genomics Research Institute (TGen) in Phoenix, the Institute for Systems Biology (ISB) in Seattle and the Partnership for Personalized Medicine (PPM) in Phoenix has already led to the:

- creation of the Integrated Biobank of Luxembourg (IBBL),
- establishment of the Luxembourg Centre for Systems Biomedicine (LCSB),
- discovery of potential biomarkers for lung cancer.

These developments act as catalysts for collaborations within the Luxembourg research community, enabling public and private actors to run innovative projects at national and international level and to create spin-offs and start-ups that reinforce existing technological capabilities in fields such as bioinformatics, telemedicine and medical devices. They contribute to position Luxembourg as an attractive base for Healthcare Biotech activities and investments, which are also expected to benefit the Luxembourg healthcare system.

The Luxembourg BioHealth Cluster

The Luxembourg BioHealth Cluster is a network that brings together the major public and private actors that are active in Health Sciences & Technologies in Luxembourg. It aims to foster partnerships and collaborations that favour innovative projects, thereby reinforcing and capitalising on the National Strategy developed to achieve scientific excellence in molecular medicine.

What we do...

The Luxembourg BioHealth Cluster provides its members (public research organisations, private laboratories and companies active in Health Sciences & Technologies) with specific support activities and services adapted to their innovation and promotion needs. Activities therefore include the organisation of networking events, visits, conferences and workshops, the identification of business and technological expertise as well as funding opportunities at national and international levels.

What we cover...

The core expertise and activities of the members of the Luxembourg BioHealth Cluster are in the field of molecular diagnostics. The Cluster also covers other technology domains that are key elements in an integrated patient-based personalised medicine approach, such as bioinformatics, medical devices and telemedicine. The main therapeutic areas covered include cancer (especially lung cancer), neurodegenerative diseases (such as Parkinson's disease), life style-related diseases such as diabetes and cardiovascular diseases and, to some extent, infectious diseases.

What we offer...

The Luxembourg BioHealth Cluster provides access to a dynamic network of companies, private laboratories and public research organisations and offers a personalised portfolio of support services adapted to the specific innovation requirements of its members.

Dynamic network that allows you to:

- share knowledge and experiences from companies, laboratories and public research organisations
- establish new contacts with potential innovation partners
- develop collaborative R&D and innovation projects on national and international level
- participate in international fairs and brokerage events

Personalised portfolio of support services including:

- tailor-made information related to specific questions on Health Sciences and Technologies
- organisation of themed conferences and study visits
- specialist advice on national and European funding opportunities for R&D and innovation projects
- an interactive platform for communication and exchange among Cluster members

What you get...

Membership of the Luxembourg BioHealth Cluster community will help you to:

- increase your innovation and business opportunities
- improve your national and international visibility
- reinforce your competitive advantage

Contact



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The Luxembourg BioHealth Cluster is animated by Luxinnovation, the National Agency for Innovation and Research. For further information about the Luxembourg BioHealth Cluster visit the website www.biohealthcluster.lu or the Luxembourg Cluster Portal www.clusters.lu