



ASSOLOMBARDA

Assolombarda

Life Sciences in Lombardia

Speaker

Nicola Simone

07.05.2021

Healthcare in Lombardia

SECTOR

Accounts for

12.4 % of the Region's GDP

10 % of the national GDP

347,380

people employed in Lombardia, **20 %** of the national total

EDUCATION

240,000

students in an educational network of

14 Universities of which **7** with medical faculties

7 art Academies

COMPANIES

650 active companies that are members of Assolombarda

The pharmaceutical sector represents **48.5 %**

of the value of the national production of the pharmaceutical sector, equivalent to **30.7 bln€**

The healthcare services sector represents **18.3 %** of the value of production of the whole national sector

RESEARCH

6,000 researchers

32 Research centers

19 Clinical Care and Research Institutes

50 % of clinical pharmaceutical research is carried in Lombardia

PHARMACEUTICAL INDUSTRY

246 Pharmaceutical companies equivalent to **35 %** of the national total

The pharmaceutical sector's investment in R&D is about **440 mln€** equivalent to **27 %** of the national total

66 biopharmaceutical companies

12 Biotech production plants

More than

28.800

people employed: **43 %** of the national total

Lombardia's pharmaceutical industry exports generate **27 %** for a value of **6,9 bln€**

2.1 bln€

turnover from the Contract Development and Manufacturing Organization (CDMO) sector

MEDICAL DEVICES INDUSTRY

1.213 companies working in the medical devices industry, which employ more than **24,200** people, equivalent to **32 %** of the national total

The Industry's exports account for **28.2 %** of the national total equivalent to **1.44 bln€**

Lombardia Regional Healthcare System

- The Lombardia Regional Healthcare System (RHS) is based on a network of over 200 public and private health facilities
- Lombardy hosts 19 over 51 **IRCCS (Clinical Care and Research Institutes)** at the national level, working on breakthrough research and innovation for patients

→ IRCCS. Many areas of high specialization.

AREA	NUMBER OF IRCCS
CARDIOLOGY	3
ONCOLOGY	2
REHABILITATION	4
NEUROLOGY	3
MOLECULAR MEDICINE	1
PSYCHIATRY	1
RARE DISEASES	1
MUSCULOSKELETAL DISORDERS	1

Human Technopole

Located inside Milan Innovation District MIND, Human Technopole (HT) is a large-scale, government-funded, research infrastructure that contributes to improving human health and well-being by developing new approaches to personalized and preventive medicine.

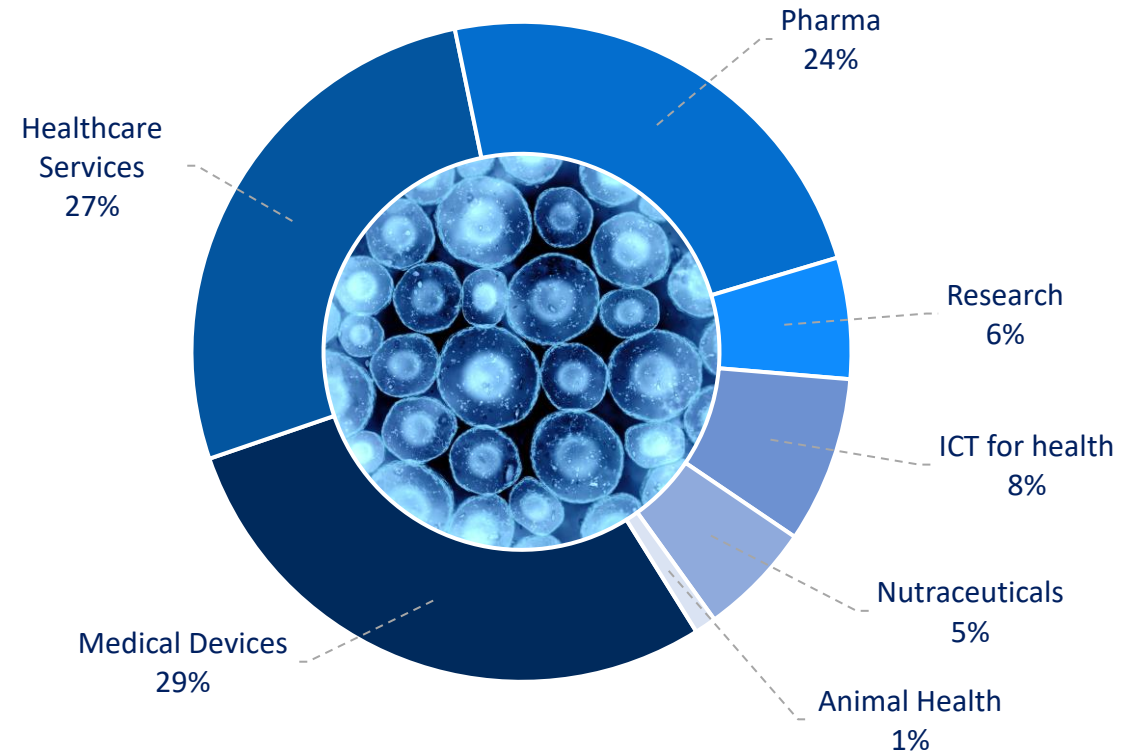
Currently recruiting its researchers – that will be 100 at the end of 2021 - it will reach its full capacity in 2026 with >1,000 scientists recruited. Prof. Iain Mattaj is the Director of the institute since January 2019.

Focus

- **Research Centres**
- **Genomics**
- **Neurogenomics**
- **Structural Biology**
- **Computational Biology**
- **Analysis decisions and Society**

Life Sciences in Assolombarda

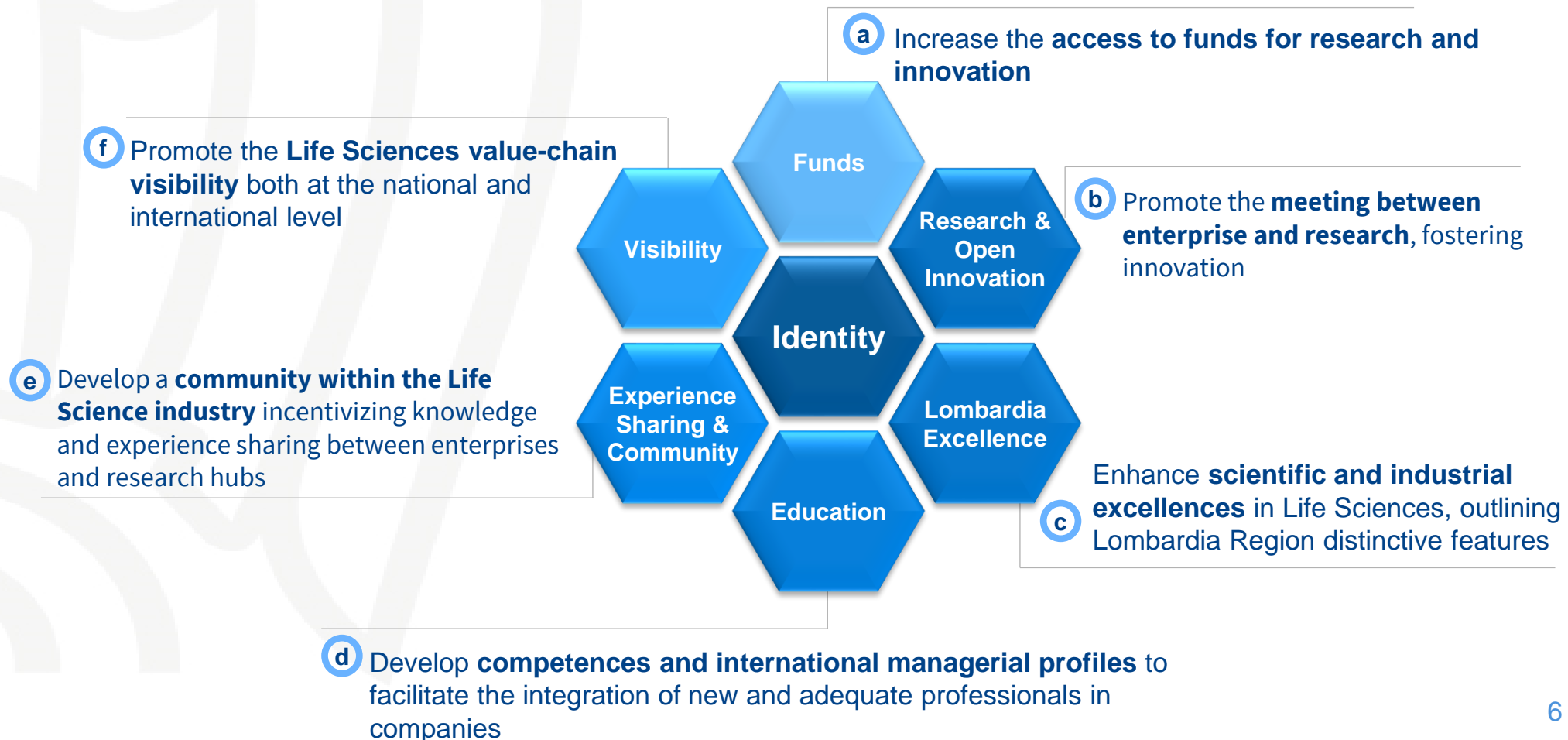
- Assolombarda has over 6.800 member companies that operate in Milan, Monza & Brianza and Lodi areas, which employ around 357.000 professionals
- Assolombarda represents about 650 Life Sciences companies, employing around 60.000 professionals



The Life Sciences Hub

INTERNATIONALIZATION

Make the Life Sciences system and Lombardia Healthcare System international benchmarks

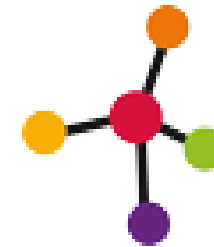


Life Sciences Hub Partners



The link with the Clusters

The Lombardy Life Science Cluster, created by Lombardy Region, is a public-private organization that promotes the collaboration among public and private stakeholders within the industry, from universities to enterprises



Cluster lombardo
scienze della vita

The National Life Science Cluster, created by the Ministry of Education, University and Research, which represents the main national industrial associations and support the development of the industrial policies for the industry at the national level





ASSOLOMBARDA

www.assolombarda.it
www.genioeimpresa.it
Seguici su

