LIFE SCIENCES AND HEALTHCARE INNOVATION CLUSTER OF PIEMONTE AND VALLE D’AOSTA
Why a cluster: “the 7 gaps of innovation”

1. The research gap
2. The education gap
3. The capital gap
4. Government gap
5. The company-to-company gap
6. Cluster-to-cluster gap
7. Global market gap

Source: Goran Lindqvist – Stockholm School of Economics
Since 2009 bioPmed has been managed by **Bioindustry Park**, the regional science park founded in 1998, which, since its creation, has been working as system integrator for the development of life sciences in the Region. Bioindustry Park is a public-private Ltd. and includes among its shareholder two big multinational corporations: **Merck** and **Bracco Imaging**.
bioPmed in Numbers

More than 90 organizations are full members of the bioPmed Association

A community of about 450 companies, research centers, universities and foundations

Over 20 strategic agreements for international cooperation

Over 55 R&D projects completed or running

Around 20M (+4) € of regional co-funding collected

20 International projects as Partners or Coordinators

3 big international B2B events organized in Torino

ESCA Gold Label Certification for Cluster Management Excellence in 2015
Multi-technology and market approach to Health

- Prevention
- Personalised Healthcare
- Diagnostics
- Care management
- Biomedicalals
- Intervention tools
- Digital Health
- Monitoring
- Medical devices
- Biotechnologies
- Pharmaceutics
- Nutraceutics
### bioPmed TARGETS

#### SOLUTIONS

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<th>Needs</th>
<th>Solutions</th>
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<td>S1, S2</td>
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<td>Diagnostic</td>
<td>S3, S4</td>
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<td>Management of acute phases</td>
<td>S5, S6</td>
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<tr>
<td>Management of chronic phases</td>
<td>S7, S8, S9</td>
</tr>
</tbody>
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#### GLOBAL TRENDS

- Ageing of population
- 4P health care approach
- Financial constraints
- Patient empowerment

**NEEDS**

- CORE
- PROSPECT
STRATEGY for a competitive Cluster

OUR VISION
bioPmed goal is to create a local innovation system in the health care and life sciences fields, capable to compete at international level and to create both economic and social value, improving the quality of life of citizens.

Priorities
 ✓ Research & Innovation
 ✓ Internationalisation
 ✓ Business Development
 ✓ Marketing / Positioning
We build relations between Research and Industry by promoting R&D&I collaborative projects and technology transfer.

- **Newsletter** with opportunities for grants and funding
- **Match-making** with potential partners
- **Project building and management**
- **Technology audit & brokerage**
- **Intellectual property** management

**RESEARCH & INNOVATION**
We help companies to compete globally by teaming up with other clusters worldwide.

- Sectorial Market intelligence
- Organizing inbound experts delegation
- Support for International B2B events
- Soft-landing on new markets
- Technologic international partnering
- Training courses on specific markets

INTERNATIONALIZATION
bioPmed Clustering Projects Timeline

**MAGIA 2017-2019**
- S3MARTMED – 2018-2020

**Bioculture 2006**
- Boost the competitiveness of SMEs in the Life Sciences sector

**NetBiology 2006-2009**
- Networking Activity for Biotechnology Cluster in Europe

**ABC Europe 2009-2012**
- Advanced Biotech Cluster Platforms for Europe

**BioHealth Computing**
- An Educational Network for Accelerating Health Innovation

**ELSI**
- 5-Learning for Life Sciences Internationalization

**ITN-NET**
- Neural Engineering Transformative Technologies

**European Cluster Collaboration Platform**
- Building Cluster Bridges Between Europe and the World

**Easy Speak 2016**
- Languages for Business and Bio-Tech

**BioxClusters Plus 2016-2017**
- First European Transalpine Biotech and MedTech Network

**Alps Bio Cluster 2008-2012**
- First European Transalpine Biotech and MedTech Network

**Bio-CT**
- Biotechnology Common Tools

**BioX Clusters 2012-2014**
- EU Initiative Promoting SME Internationalisation Through Clusters

**Health 4Growth 2012-2014**
- Developing Regional Actions to Promote SMEs in Health Sector and Stimulate Economic Growth

**BioTech-MA 2016**
- Teaching Biotechnology for Human Health from the Bench to the Market

**ECRI 2016-2018**
- Excellence Cluster for Regional Improvement
BioXclusters Alliance

bioXclusters Plus is the leading European Alliance of four clusters in Personalised Healthcare since 2012

GATHERING STRONG FORCES from the entire innovation value chain

Key data

3,300 SMEs
358,000 Jobs in private and public sector
23,000 Researchers in public sector
16,000 Hospital beds

MAIN FOCUS AREAS
Personalised medicine, In-vitro Diagnostics, oncology, cardiovascular, inflammatory, infectious diseases and regenerative medicine
MAGIA – Medtech Alliance for Global InternationAlization brings together 4 European medtech and health clusters, with the objective of fostering internationalization of their SMEs through a strong alliance of European value.

Fully focused on CHINA and USA
S$^3$martMed Project

- A new European Strategic cluster Partnership (2018-2020)
- Co-funded by the COSME programme of the European Union

5 Clusters partners dedicated to Healthcare and Medical Technologies

- Auvergne Rhône-Alpes, France
- Piedmont, Italy
- Wallonia, Belgium
- Baden-Wurttemberg, Germany
- Upper-Silesia, Poland

Our ambition:

- Boost interregional scientific and business collaborations between MedTech SMEs and RTOs
- Work alongside the Regional Authorities to define the future EU funding Schemes for cross-region innovation projects
bioPmed international partnerships

North America
ToHealth - CAN
Tech Center of NJ – USA
Wistar - USA

South America
Fipase - BRA
BioRio - BRA
BioMinas – BRA
IIB Intech
USAM - ARG

North America
ToHealth - CAN
Tech Center of NJ – USA
Wistar - USA

Tunisia
CBS Sfax
Biotech Pole

Europe
POR, ESP, FRA, UK, NED,
BEL, LUX, CH, AUT, GER,
NOR, SVE, FIN, DEN, POL,
GRE, HUN, SLO + ISR

Japan and Korea
Hokkaido Cluster – JAP
Chuncheon Bioind. Found. – KOR
Chungbuk Science Park – KOR

China
Juke Science Park
Biolake Science Park
FengLin Biomed Center

Australia
Small Tech Cluster
Adelaide Health City
We support growth by facilitating strategic partnerships and access to private investors.

- Competitive intelligence
- Visibility opportunities towards investors
- Support for national trade fairs and B2B events
- Strategy consulting
- Promotion of research results
- Business networking

BUSINESS DEVELOPMENT
Spaces and opportunities to communicate and promote innovation

bioPmed show case: organizations directory

Networking with healthcare governing authority and private institutions

Cluster positioning at local and international level

Storytelling and Dissemination Activities

Cluster Marketing
Welcome to bioPmed
LIFE SCIENCES AND HEALTH INNOVATION CLUSTER

A network of companies, research centers and universities to compete and innovate

WHO WE ARE
Let's start to INNOVATE!

CLUSTER MANAGER

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