



## Bioindustry Park del Canavese

### The science park dedicated to life sciences



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[www.bioindustryPark.it](http://www.bioindustryPark.it)

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## Bioindustry Park - overview



- Created with the support (Structural funds) of Piedmont regional authorities, in the context of European Union programs , at the beginning of '90s. Operative since 1998;
- Targeted on Life Sciences industrial sectors;
- Acting as regional system integrator for life sciences development;
- Private company with public majority
- Focused on client needs through customized investment, centralized and personalized services for lessees, shared facilities, scientific and support services
- Networked at local (University of Torino, Politecnico of Torino, IRCC, Candiolo etc), national (APSTI, ASSOBIOTEC, etc) and international (ADEBAG, EuroBioCluster South, BIO-TG) level



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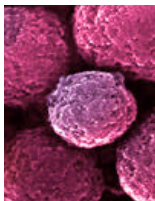
## Bioindustry Park - shareholders



	<i>Euro</i>	<i>%</i>
Finpiemonte	2,11	37,37
Provincia di Torino	1,87	33,12
Serono	1,50	26,57
R.B.M.	0,10	1,77
Telecom Italia	0,05	0,89
Bioline Srl	0,01	0,25
Associazione Industriali del Canavese	0,001	0,02
Federpiemonte	0,0004	0,01
<b>TOT MI. EURO</b>	<b>5,65</b>	<b>100</b>



## Mission

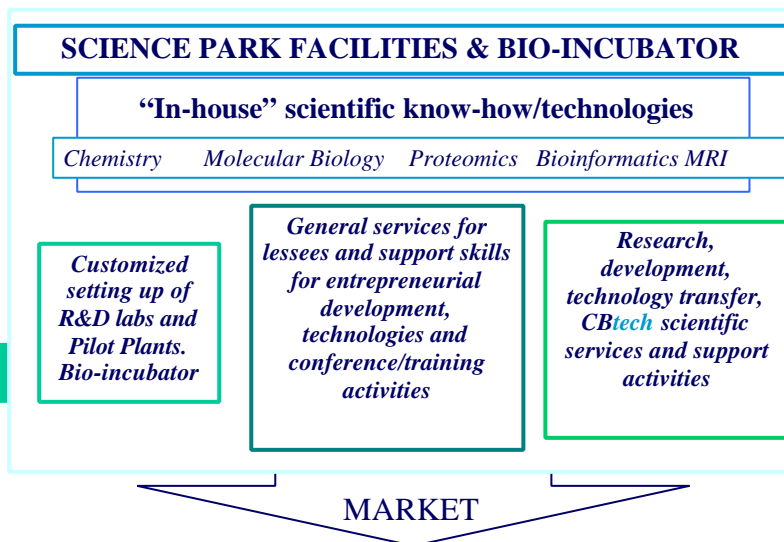


- Creating a link between University and Private research
- Assisting the start-up, spin-off and growth of innovative Companies
- Providing incentives for R&D and technology transfer activities by offering scientific services and know-how
- Providing equipped premises at available and affordable costs in a highly specialised environment with logistic and scientific advantages
- Acting as positive factor for the development of the territory





**Bioindustry Park - Business model**



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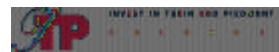
## The investment process



- From the feasibility study to the realization of customized R&D labs and pilot plants
- Management of all aspects of the investment
- Support for site validation process
- Flexible offers from a financing point of view
- Availability of support services



*In collaboration with*



<http://www.itp-agency.org>



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## Entrepreneurial development, services and support skills



- Supporting entrepreneurial activities
- Supporting technologies
- Supporting conferences and training activities



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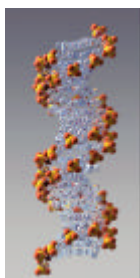
## Bioindustry Park - Organizations located and operational



## Bio-Incubator



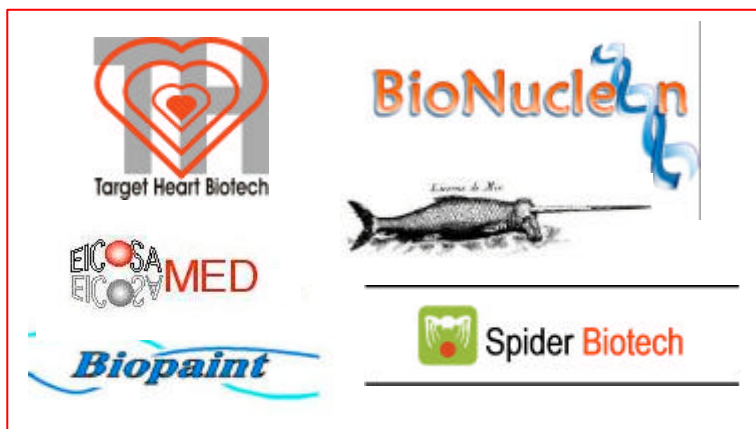
- Specialized on life sciences companies
- Created thanks to the support of European funds and Regional Authorities
- Complete package of services to facilitate start-up and company spin off at each development phase:
  - Pre-start-up support
  - Start-up assistance
  - Development assistance
  - Way-out support
  - Discovery project in order to select and tutor entrepreneurial projects



<http://www.bioindustryPark.it/discovery/>



## Discovery project: first start-ups



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## Bioindustry Park - Scientific competencies in LIMA



### Scientific competencies and services: LIMA (Integrated Laboratory for Advanced Methodologies)



- Strong partnership with University di Torino and National Research Council (CNR-ISPA)
- Focused on Chemistry, MRI, Molecular Biology, Proteomics and Bioinformatics
- Operational also as a training site and technology transfer center
- <http://www.bipcaweb.it/wintermute/>



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## Main areas of Scientific interest

- **New contrast agents for Magnetic Resonance Imaging (Molecular Imaging)**
- **Use of MRI to assess efficacy of diagnostic (Oncology field) and therapeutics (CNS diseases) in vitro/in vivo model**
- **Solution structure and dynamics of peptides and proteins**
- **Cellular pigments**
- **NMR of cells/relaxometry**
- **Proteomics applied to health care problems (Oncology, CNS, Infectious diseases, etc)**
- **Proteomics applied to agro-food problems (Milk, yeasts, ecc)**
- **Fusion proteins and synthesis and purification of antibodies and of modified Oligos**
- **Analysis of biological processes**
- **Allergens in foods**
- **Simulation of cancer growth trough bioinformatic models**



## Technology transfer

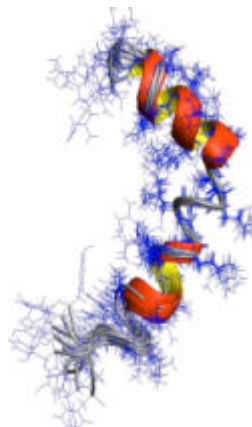
- Focus on life sciences
- From **standardized activities** such as seminars, technology check-up and feasibility studies, to **personalized technology transfer activities**.
- **Multidisciplinary and problem solving** approach
- Availability of **synergistic Know-How** (Patent Information Point, Partner research, project management and fund raising, etc.)
- **Networking** at regional, national and European level
- <http://www.piemontebionet.it>
- <http://www.piemontelifesciences.org>



## Bioindustry Park - Main results



- **More than 52 ML euro invested**
- **16.000 sqm** devoted to research labs and pilot production
- **35 organisations operational. More than 200 employees, More than 140 new jobs created in 4 years**
- **17 start-ups supported**
- **40 University and CNR scientists** - more than **100 scientific articles** published in last 4 years
- **More than 25 patents** filed by organizations settled in the Park
- More than **175 SMEs** met for technology transfer activities
- More than **110 events and workshops** organized with **more than 4.000** attendees



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