> Genopole®
the leading French biopark dedicated to biotech and biotherapies

69 biotech companies

20 academic research labs
(CEA, CNRS, INRA, INSERM, local universities)

19 shared-use facilities and infrastructure

2,293 direct jobs

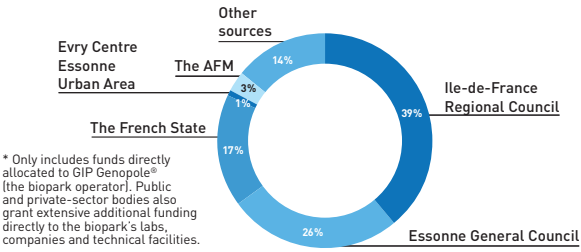
> GIP Genopole®

THE FOUNDER MEMBERS

An operator dedicated to innovation and economic development

Genopole® is a member of the world-class MEDICEN Paris Region healthcare/life science cluster

GENOPOLE®'S FUNDING FOR 1998-2008*



* Only includes funds directly allocated to GIP Genopole® (the biopark operator). Public and private-sector bodies also grant extensive additional funding directly to the biopark's labs, companies and technical facilities.

> A pioneering, sector-leading Biopark

A continuum dedicated to therapeutic innovation

The first French biopark to have been designed along the lines of the world's leading clusters,

France's first life science company incubator, financed and managed by the Essonne Chamber of Commerce and Industry (CCIE).

France's leading pre-seed fund (G1J IdF) devoted to early-stage funding of biotech start-ups.

The first physical and genetic maps of the human genome established by Généthon, France's first laboratory to be equipped with large-scale biology infrastructure and created & funded by the French Muscular Dystrophy Association (AFM).

A world first from Genoscope: its announcement that the human genome has between 28,000 and 34,000 genes, rather than the initial estimate of 100,000.

The highest concentration of biotech companies in France: of the 300 or so biotech companies in France, 150 are located in the Paris Ile-de-France Region. The Genopole® portfolio includes 69 companies which have been created on the biopark or have relocated to it, i.e. 46% of the regional figure and 23% of the national total!

87,298 m²
of f oor space dedicated to life science research, biotech companies and shared-use facilities and infrastructure

20 academic
research labs (CEA, CNRS, INRA, INSERM, local universities)

56 post-docs
with "return fellowships"

18 Genopole® ATIGE
thematic fellowships for stimulating the emergence of tomorrow's scientific leaders

> Scientific research

THE GENOPOLE® ATIGE FELLOWSHIPS
The ATIGE fellowships provide young staff researchers in government research institutes with additional funding for building and managing a research group within a Genopole® laboratory on the Evry-Corbeil site.

POST-DOCTORAL RETURN FELLOWSHIPS
are reserved for young, French-trained scientists who wish to return to France after performing post-doc research abroad. Funding is granted for a 2-year research project within a Genopole® biopark laboratory or a company and fellows are given assistance in finding a permanent position in the host organization or elsewhere.

Attracting public-sector research units, creating infrastructure and stimulating the biopark's scientific community. Contributing to the development of new academic sectors and to the constitution of joint government-university research units.

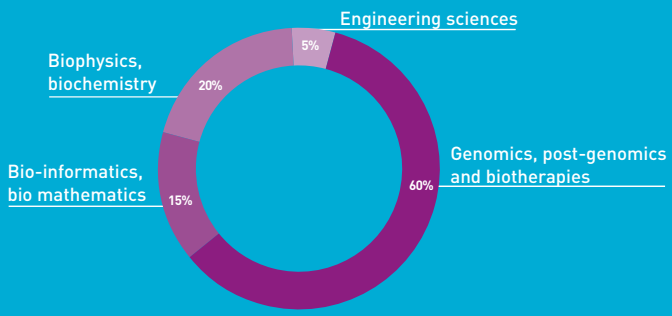
Cutting-edge research themes

Stem cells
I-Stem – the Institute for Stem Cell Therapy and Exploration of Monogenic Diseases (a collaboration between the AFM, the INSERM and the University of Evry-Val-d'Essonne) receives support from Genopole® and is located on the biopark.

Synthetic and integrated biology
The essential objective of integrated biology is to better understand living systems through modeling and simulation. Biology is entering an era where the fundamental breakthroughs will occur at the interfaces between theory and experiment and between analytical and synthetic work. Genopole®'s "Epigenomics Program" is spearheading the launch of these novel and necessarily interdisciplinary research activities.

Post-genomics, environmental genomics, proteomics, metabolomics, nanobiotechnology – all themes that will constitute the biology of the future.

THE ACADEMIC LABS: FIELDS OF ACTIVITY



> A comprehensive servic science entrepreneurs a

GENOPOLE®
provides the skills and the scientific & industrial environment that are essential for building and running successful biotech companies and research labs.

Expert team dedicated to:

- **creating,** developing and relocating biotech companies;
- **structuring** and coordinating scientific life on campus;
- **developing** and operating shared-use infrastructure;
- **helping biopark companies** identify and successfully bid for European Union funding;
- **developing** international contacts;
- **effective promotion** of Genopole® and its member organizations.

Real estate solutions:

- **a comprehensive range** of business accommodation solutions: start-up offices, a company incubator (office & lab space) and larger office buildings, in collaboration with SEM Genopole® and the CCIE;
- **functional, modular** premises fitted out and equipped by Genopole® for academic research labs.

e offering for life
and researchers

Infrastructure and equipment:

- **17 collaborative facilities and service platforms:** DNA library, cell imaging, bio-informatics, mass spectrometry, transmission electron microscopy, NMR etc.;
- **an international convention centre,** Genocentre;
- **an urban broadband** network;
- **availability** of semi-heavy shared-use equipment.

Shared-use services:

- **the BioSupport consortium of biotech start-ups** offers shared resources and skills: financial management, administrative assistance, IT services and quality control management;
- **an innovative approach** to providing benefits to campus employees (social and cultural events, a company restaurant, a nursery/kindergarten, a shared subscription to 1,676 scientific journals and several databases, an IT service, etc.).

> A committee of acknowledged,

independent experts from the worlds of science and business, evaluates the start-up's business plan and the technical & economic feasibility of submitted projects.

69 biotech companies

€207.81 M in investment raised by Genopole® companies

> Biotech companies

G1J Ile-de-France
Campus companies and budding entrepreneurs may benefit of the biotech-dedicated G1J IdF pre-seed fund (currently with funds of €7 million). G1J IdF's investment approach enables it to intervene very rapidly in early-stage funding up to €300,000 per project.

Promoting the creation, development and relocation of biotech companies in order to transform life science results into innovative drugs, industrial products and services.

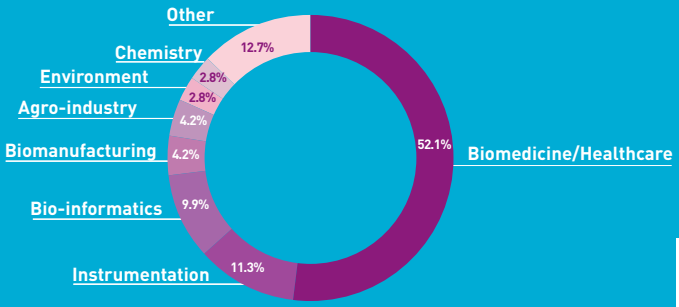
Genopole® provides biotech companies with the leverage of a synergy-rich biopark: Genopole®-accredited companies and labs represent a dense network of potential clients & partners and contribute to a high-level scientific and biotechnological environment.

€144.14 M in total turnover, generated by 30 companies

670 patents filed

28 molecules or biotherapies, from regulatory preclinical development through to market launch

THE COMPANIES' FIELDS OF ACTIVITY



> The move to biomanufacturing

A biomanufacturing center for the production of clinical batches of therapeutic proteins, a unit for production of clinical batches of viral vectors and an enzyme production and biocatalysis center are now being set up. Furthermore, 6 other projects are being planned. The objective is to make Genopole® an international center of excellence for biomanufacturing by offering a broad set of production technologies and a comprehensive range of custom services, going from gene synthesis to clinical trials.

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> Ambitious projects: from biopark to biocluster

From the bench to the bedside: the Clinical and Translational Research Center (CTRC) annexed to the future South Ile-de-France Medical Center (CHSF, due to open in 2011) will constitute a new research paradigm for France: a true interface between fundamental research, clinical research and biotech companies. The organizations involved in the CTRC project alongside Genopole® are as follows: the CHSF, the universities of Paris Sud and Evry-Val-d'Essonne, the AFM and the Généthon, in collaboration with the CEA and INSERM, with funding from the Ile-de-France Regional Council and the Essonne County Council.

The Institute for Systems and Synthetic Biology (ISSB, funded by the CNRS, the University of Evry-Val-d'Essonne – UEVE – and Genopole®) is set to open this year and will closely couple modeling with wet experimentation.

The Biotherapies Institute (in collaboration with the AFM and INSERM), with the objective of bringing together the biopark's research skills in the fields of stem cells, gene therapy and cell therapy.

The UEVE's Institute of Biology will pull together the campus's biology research skills and will reinforce teaching activities and the growth of the university cluster.

A shared-use small animal in vivo imaging platform, in collaboration with the CEA and in coherence with the existing MIRCEN and Neurospin facilities of the CEA.

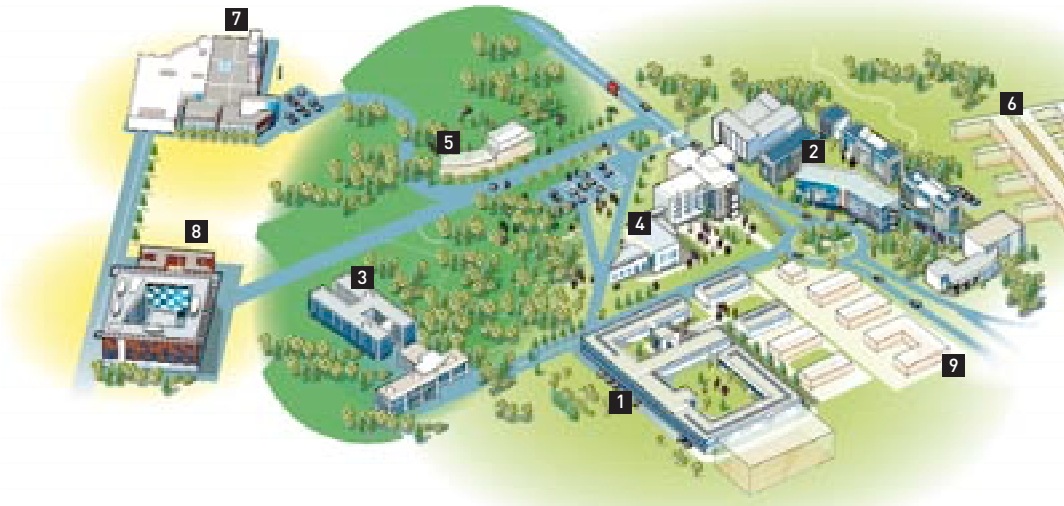
The development and the implementation of additional shared-use facilities.

The campus of Genopole®

1 Genopole® Campus 1: Genopole® Corporate HQ, Imagene, Integragen, ISSB, Sigma Aldrich, Serial Genetics, Biofords, SEM Genopole, the Biomanufacturing Center, several INSERM laboratories (including I-Stem).

2 Genopole® Campus 1: Genopole®/CCIE company incubator, the Genavenir office buildings, CERFE, INSERM/UEVE laboratory.

3 Genopole® Campus 2: the CEA Genomics Institute (Genoscope and the National Genotyping Center), INRA, CEA, CNRS and UEVE labs, the Sanofi Aventis Evry Genetics Center, PartnerChip.



Campus 1.
Campus 2.

4 AFM, Généthon, Génocentre, Genosafe.
5 The future Institute of Biology.
6 The future South Ile-de-France Medical Center.
7 The Epigenomics Program, Genoplante Valor.
8 The University of Evry–Val-d'Essonne (UEVE).
9 The Clinical and Translational Research Center.

Thierry Mandon,
President of Genopole®

Pierre Tambourin,
CEO of Genopole®

www.genopole.fr.

The **Genopole®** project was conceived at the beginning of the 90's by the AFM (the French Muscular Dystrophy Association), which at the time was chaired by Bernard Barataud, organizer of France's first "Telethon" fundraising event and founder of Généthon, the trailblazing genomics and genetics research laboratory. In 1997, **the French State** decided to set up two major National Centers on the Evry campus: the National Sequencing Center (Genoscope) and the National Genotyping Center, grouped together within the CEA Genomics Institute. In 1998, **Genopole®** was launched under the impetus of **the French State, the Ile-de-France Region, the Essonne County and the AFM** – creating the first French biopark dedicated to research in genomics, genetics and biotechnologies and helping to make good France's lag in these fields. **Genopole®** is chaired by Thierry Mandon (President Delegate of the Essonne County Council) and managed by Pierre Tambourin, CEO. The biopark is home to 69 biotech companies and 20 academic research labs. Unfailing support from its founding members means that Genopole® now has all the assets of a world-leading biocluster.

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