



**LYONBIOADVISOR<sup>®</sup>**

*Fast-track partnering*  
for all your projects



*Do you have* development or partnership projects  
in life sciences?

*Are you looking for* the perfect location to set up your business?

*Are you* not yet in the Lyon area?

The Lyon metropolitan area has created *LyonBioAdvisor®*, a customized  
*service* designed to support your projects and to help you enjoy success like no other in Lyon!

**You need to...**

- Set up scientific or industrial partnerships,
- Raise funds,
- Organize a clinical trial,
- Complete approval procedures,
- Find facilities tailored to your needs,
- Recruit a talented staff...

... With LyonBioAdvisor®, get down to business and develop faster!

**LYONBIOADVISOR®**

**Catalyzing expertise  
for your projects**

**Helps you set up  
PARTNERSHIPS**

- Integration in the business community
- Contacts with local authorities
- Help in setting up partnerships and obtaining funding
- Mobilizing the region's scientific and technical skills

**Provides consulting  
and support for your  
SET-UP**

- Search for a site and facilities for your business activity (scientific parks, business centers, production plants, incubators, etc.)
- Support in administrative, regulatory and fiscal procedures
- Support for employees and their families
- Help in recruiting your future employees

**Handles your post set-up DEVELOPMENT**

- Publicity on your set-up
- Introduction to the business community
- Support in your future development projects



## Founding members with expertise in supporting companies

- ADERLY, the Lyon Area Economic Development Agency
- Arist Rhône-Alpes
- ARTEB Rhône-Alpes
- Cancéropôle Lyon Auvergne Rhône-Alpes
- Créalys
- Greater Lyon
- The Lyon Chamber of Commerce and Industry / Novacité
- The Lyon Scientific Foundation
- Lyonbiopôle (World Competitive Cluster)
  - The Lyon-Gerland Technology Cluster
  - The Rhône-Alpes Futur Foundation / Rhône-Alpes Genopole

## LYONBIOADVISOR®

**Dedicated to mobilizing  
all of the resources  
required for the success  
of your project**

### A single contact:

[contact@lyonbioadvisor.com](mailto:contact@lyonbioadvisor.com)  
[www.lyonbioadvisor.com](http://www.lyonbioadvisor.com)

### A shared aim:

consolidate Lyon's position  
as one of Europe's most  
dynamic bioclusters

## BIOTUESDAY

### A key event

that brings together more than 150 biotech  
industry professionals (firms, academic  
researchers and investors) every two  
months in order to discuss a variety  
of themes in an informal setting.

### Scientific excellence in 3 key areas...

#### Infectious Diseases

With Lyonbiopôle, a world competitive cluster dedicated to the fight against infectious diseases, Lyon, together with Grenoble, is a world center of excellence in diagnostics and vaccines. Designed as a “factory” for developing multi-partner R&D projects, Lyonbiopôle is an interface between the industrial and academic research spheres, helping to bring them closer together. Lyonbiopôle relies on several of the region’s assets, in particular:

- A number of international organizations and major technical platforms, such as the WHO Communicable Disease Surveillance and Response Center (CSR), the Virology and Immunology Research Center (CERVI), the Jean Mérieux Biosafety Level 4 Laboratory (one of only two BSL4 in Europe) and others,
- The French Healthcare Product Safety Agency (AFSSAPS) with its Immunological Products department in Lyon,
- An “Innovations in Infectiology”, Advanced Research Topic Network (RTRA), one of 13 in France selected by the French government.

#### Cancer Research

With 27,000 new cases of cancer treated every year, the Rhône-Alpes region is France’s second-largest cancer research hub with more than 1,700 scientists and:

- The presence of Cancéropôle Lyon Auvergne Rhône-Alpes (CLARA) in Lyon. This cancer research cluster aims to drive the emergence of innovative research projects and the transfer of the results of this research to industry, for the benefit of patients,
- Cancéropôle’s Business Club, which reflects the dynamism and diversity of the firms involved in the region (from pharmaceutical laboratories to small biotech companies), developing collaborative ventures between the industrial and public research spheres,
- A Thematic Research and Care Network (RTRS) in the field of cancer, “Synergie Lyon Cancer”, accredited at the start of 2007, to develop new therapeutic strategies that take into consideration the complexity of cancerogenesis mechanisms, with a focus on therapy targeting and tumor escape,
- The Léon Bérard Cancer Research Center,
- The WHO’s International Agency for Research on Cancer (IARC),
- In 2009, a hadrontherapy center (proton therapy) to treat radioresistant cancers (the first in France).

#### Neurosciences

The region is one of the few in Europe to cover all of the fields in the neurosciences and cognitive sciences, with an outstanding neuroimaging potential for research or clinical applications in humans or animals. Neurosciences research is based on:

- A hospital dedicated to neurological diseases (the Pierre Wertheimer Neurological and Neurosurgery Hospital in Lyon);
- A Neurosciences Federative Research Institute (IFR) that brings together 13 research units;
- A comprehensive multimodal imaging platform: one of Europe’s few ESRF medical beamlines, synchrotron or positron imaging, a functional MRI imaging device, IRM 7T, encephalography devices (MEG) and more;
- Neurocap, a Neurosciences Thematic Research and Care Network (RTRS), accredited in early 2007, which aims to discover and validate new strategies for preventing and treating neurosensory, motor, cognitive and psychiatric disabilities;
- NeuroBioTec: a database specialized in neurological diseases and related services;
- And EDMUS, the world’s largest multiple sclerosis database.

LYONBIOPÔLE

#### Lyonbiopôle is:

- The development of a healthcare shield for comprehensive protection against infectious diseases, from diagnostics up to treatment
- A combination of distinctive yet complementary expertise:
  - A strong synergy between Lyon’s functional and industrial biology and Grenoble’s structural biology and micro/nanotechnologies
  - Leading firms in the human and animal healthcare sectors, vectors for combined innovation
- sanofi pasteur, #1 worldwide in human vaccines
- Merial, #1 worldwide in veterinary products
- bioMérieux, #1 worldwide in bacteriological diagnostics
  - BD, world leader in the medical and diagnostics fields.

#### Key figures

Life Sciences in Lyon and the Rhône-Alpes region...

- 100,000 jobs, including 40,000 in private and public research
- 600 companies
- One of the largest university hospital concentrations in Europe: 22,000 beds in public and private establishments
  - 20,000 students

Thanks to its strong tradition in medicine and biology, Lyon has been contributing to the world's healthcare heritage for centuries, with pioneers such as Marcel Mérieux, a brilliant student of Pasteur. The Lyon region has become **the world's leading vaccine production center** and is today one of the very few regions in the world that can combine excellence in fields such as **medicine, pharmaceuticals** and **biology** (in Lyon) with unrivalled expertise in **micro & nano-systems** (in Grenoble).

## ... enhanced with cutting-edge technological resources and a clinical-friendly environment

### → Micro & nanotechnologies

- The Minatec project, which pools the expertise of CEA-Leti Grenoble and the Grenoble National Polytechnic Institute, in order to build a **major European innovation and expertise cluster in the field of micro and nanotechnologies**
- 3 complementary fields of excellence: biology, software and nanosciences
- **3,500 engineers, researchers and scholars**
  - Nano2Life, **Europe's premier excellence network** in nanobiotechnology, coordinated by CEA-Leti Grenoble.

### → Functional genomics

- **Top-notch expertise in proteomics and structural biology in Grenoble and in exploration of gene function in Lyon, pooled together within Rhône Alpes Genopole;**
- **58 laboratories and 1,200 researchers;**
- **An ultra-high-performance integrated technological platform, one of a kind in France:**
  - **Bioinformatics** with the Rhône-Alpes Bioinformatics Agency (PRABI);
  - **Analytical and Structural Proteomics** with the platforms of the Rhône-Alpes Proteomics Center (CePRA) and the Structural Biology Institute (in conjunction with the major European facilities within the Partnership for Structural Biology);
  - **Exploration of gene function** with the platforms of ANI-Rhône-Alpes, including Animage, a multimodal small animal imaging platform.

### → Clinical trials and bioservices

- **A full range of services to run multicenter studies**, ranging from "in silico" models to networks of clinical investigators (3 University Hospitals and 3 Clinical Investigation Centers);
- A host of Contract Manufacturing Organizations (CMO), 18 Contract Research Organizations (CRO) and service providers;
- One of the Europe's best-developed university hospital structures, with the strength of **Lyon Civil Hospitals (HCL)**, where more than 500 clinical research projects are conducted every year. In addition, there are 77 private healthcare centers and a great number of academic research laboratories such as the **French National Institute For Health and Medical Research (INSERM)**, the **French National Center for Scientific Research (CNRS)**, the **Ecole Normale Supérieure de Lyon Graduate School (ENS)** and **others;**
  - In 2008, a 450-bed "mother-child" hospital (**the largest in Europe**).

*"At the end of 2006, we signed an agreement to acquire a 3.7-hectare plot of land to set up a bio-production unit at the Lyon TechSud technology park. This project, run in partnership with the LyonBioAdvisor<sup>®</sup> network, is part of the major expansion of our overall antibody production activity. The know-how, the local technological expertise and **the dynamism of the Lyonbiopôle competitive cluster** were all key factors in our decision. In Lyon, we will be in contact with the world leaders in human and animal healthcare, as well as several research centers with whom we can devise all types of collaborative projects."*

Frédéric Turner  
Managing Director, **Genzyme France**

Lyon, genetically programmed for your business...



### A world-class event to anticipate the future

BioVision, the World Life Sciences Forum, a star-studded event on the world biosciences stage, **was founded in Lyon**. The event brings together more than 2,000 opinion leaders, including over **a dozen Nobel laureates, directors of major international organizations, major industrial groups, NGOs and non-profits, as well as political leaders**, to debate major Life Sciences issues our society is facing in the healthcare, food and environmental spheres.

Alongside the Forum, Lyon also hosts the BioSquare business convention, designed to **encourage scientific, industrial, commercial and financial partnerships** between over 1,200 participants and 800 Life Sciences firms, in collaboration with European (EuropaBio) and Japanese (JBA) bioindustry associations.

BioVision features a host of related top-quality events such as BioVision.Nxt, Nobel Laureates' Day and Life Science Discovery Day, showcasing the region's range of technological and scientific products and services.

[www.biovision.org](http://www.biovision.org) / [www.biosquare.com](http://www.biosquare.com)



## LYONBIOADVISOR®

can help you find a site and facilities:

- dedicated to your business activity
- tailored to every phase of your project's development

### A full value chain, from genes to the production of active ingredients

#### Antibodies

Bioscale  
Biotem  
CovalAb  
Dendritics  
Novotec

#### Pharmaceutical active ingredients

Aguettant  
Arrow generiques  
Merck génériques (French Headquarters)  
Merck santé (French Headquarters)  
sanofi aventis  
Skyepharmaceutical production  
Solvay pharma

#### Human biological products

Axcell biotechnologies  
Episkin  
Genopietic (NASDAQ)  
Genzyme Polyclonals (NASDAQ)  
Innate Pharma (Euronext)  
Mymetics (NASDAQ)  
OPi  
Protein'eXpert  
Tissue bank of France TBF  
Transgène

#### Human diagnostics and vaccines

bioMérieux (World Headquarters, EURONEXT)  
Indicia Biotechnology  
Laboratoires Marcel Mérieux  
Raisio diagnostic  
Roche Diagnostics  
sanofi pasteur (World Headquarters)  
sanofi pasteur MSD (European Headquarters)

#### Veterinary diagnostics and vaccines

Antagène  
LSI  
Merial (World Headquarters)  
Synbiotics (NASDAQ, European Headquarters)  
Vet Diagnostics

#### Drug discovery

Activation  
Edelris  
Epixis  
Hikma Biotech  
Idéalp'pharma  
Imaxio  
Mellitech  
Novocib  
Proteins & Peptides Management

#### Drug delivery

BD  
Erytech Pharma  
Flamel Technology (NASDAQ)  
Teraklin

#### Preclinical models & development

AltraBio  
Biomatech-Namsa  
CreaCell  
GenOway  
ImmunID  
Phatophy  
StemCell Technologies  
Stem Alpha  
Synapcell  
Transat

#### CROs / CMOs

Audival  
Charles River Laboratories  
Clininfo  
DermScan- Pharmascan  
ICTA-THEMIS  
IDD Tech  
Kendle (ex-Inveresk Research)  
Mapi Group  
MDS Pharma Services

Optimed Clinical Research  
RCTS  
Synarc

#### Biomaterials

Biom'up  
Laboratoire Alize  
Noraker  
Phusis

#### Biochips & genomics

Amethrine  
Biofidal  
Biotray  
Bioviron  
Genome Express (Applied Biosystems)  
Neuromic  
Picotwist

#### Agriculture / Environment

Aderbio développement  
BASF Agro (French Headquarters)  
Bayer CropScience (European Headquarters)  
Belchim (French Headquarters)  
CARSO  
Conidia  
Cylnatis

Elicityl  
ID Myk  
Kalys  
Monsanto (European Headquarters)  
Naturamole  
Philagro (French Headquarters)  
Sumitomo (European Headquarters)

#### Packaging & logistics

LC2  
Pro Clinica

#### Equipment / Imaging

Shimadzu  
Tecan  
Therayls / Bio-imaging

Because Lyon makes developing biotechnology a priority, the metropolitan area offers you a full range of real-estate solutions (incubators, business centers and technology parks) with facilities to meet the needs of your growing business.

## Dedicated real estate that is unique in Europe

### • BIOPARC Lyon®

Located near downtown Lyon, the Bioparc welcomed its first occupants in 2007. The first organizations on the park are: Cancéropôle Lyon Auvergne Rhône-Alpes, Erytech Pharma (encapsulation of therapeutic molecules in red blood cells) and Genopoïetic (development of autologous cancer vaccines). In 2010, it should be home to the Étoile project, France's only light ion cancer therapy center, designed to treat tumors resistant to all other types of therapy.

In the coming years, the Bioparc will offer 40,000 sq. m. / 430,600 sq. feet of real estate programs, including a variety of services and a residence hotel, with an expected capacity of more than 2,000 researchers. The Bioparc also provides an incubator for new innovative firms.

### • The Lyon-Gerland Technology Cluster (Technopôle)

Just a 10-minute subway ride from downtown and the Lyon-Part Dieu TGV high-speed train station, the Technopôle provides businesses all the advantages of a very high-level research and production environment, combined with all the conveniences of a city-center neighborhood. In a single area, the park synergizes:

- Leading firms, SMBs and start-ups in human and animal healthcare (Genzyme, Merial, sanofi aventis, sanofi pasteur MSD and others);
- Research laboratories (the Jean Mérieux Biosafety Level 4 Laboratory, the Protein Biology and Chemistry Laboratory and the WHO);
- Universities and graduate schools (ENS Sciences and Letters, the University of Lyon and the Lyon-Gerland Biosciences Federative Research Institute);
- 2 real estate programs especially designed for new life sciences firms.

### • In addition:

- The Einstein incubator, located at the Doua-Villeurbanne scientific campus (chemistry and engineering sciences)
- The Lyon Technological Park, designed for high-capacity production, research and logistics units and more.



*Decide faster and live better...*

**Success awaits you in Lyon!**

Lyon, France's 2<sup>nd</sup>-largest city and capital of the Rhône-Alpes region (with a population of over 6 million), offers you a magical mix of strong economic performance and the good life.

### Business:

Entrepreneurship is an age-old tradition in this region open to international commerce, home to over 900 foreign companies and 1,500 company headquarters, including Renault Trucks, JTEKT, BioMérieux and Sanofi Aventis, to name but a few. What makes Lyon even more appealing is **the metropolitan area's low business set-up costs, 5 to 15% lower than in Paris, London, Barcelona or Frankfurt.**

Lyon is a true crossroads endowed with a dense transport infrastructure, including Lyon-Saint Exupéry International Airport and a European-scale high-speed TGV rail network placing the city just 1 hour 55 minutes from Paris (with one TGV every 30 minutes at peak hours), 3 hours 50 minutes from Brussels and, in coming years, just 1 hour 45 minutes from Turin.

### Pleasure:

Lyon is a **warm, inviting city**, the 2<sup>nd</sup>-largest urban area listed as part of UNESCO's World Heritage. At the heart of one of France's premier tourist regions, it is only an hour away from the 190 resorts of the world's largest ski area, the Alps, a 30-minute drive from the vineyards of the Beaujolais and 2 hours from the beaches of the Mediterranean Sea. With its 4,000 Velo'V, free-access rental bikes in the city, Lyon is a **pioneer in environmentally friendly modes of transport!**

Lyon illustrates success every day, through its great chefs like Paul Bocuse, its artists, its major cultural events such as the Festival of Lights, the Biennial Dance and Contemporary Art Festivals and the Vienne Jazz Festival, its sports teams like the Olympique Lyonnais soccer team - champions of France for five years running - its Opera House and its National Orchestra.

**Lyon offers you the perfect balance between business success and quality of life!**

Join one of Europe's most dynamic bioclusters



# LYONBIOADVISOR®

For your business set-up or development projects, you need only one contact:

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