



Find in **Wallonia (Belgium)**
the **partners** for your
biomanufacturing challenges

WWW.BIOWIN.ORG

BioWin

THE HEALTH CLUSTER OF WALLONIA

TOWARDS A NEW BIOMANUFACTURING ERA

BioWin, at the heart of an innovative ecosystem

Biopharmaceutical manufacturing is engaged in a deep revolution.

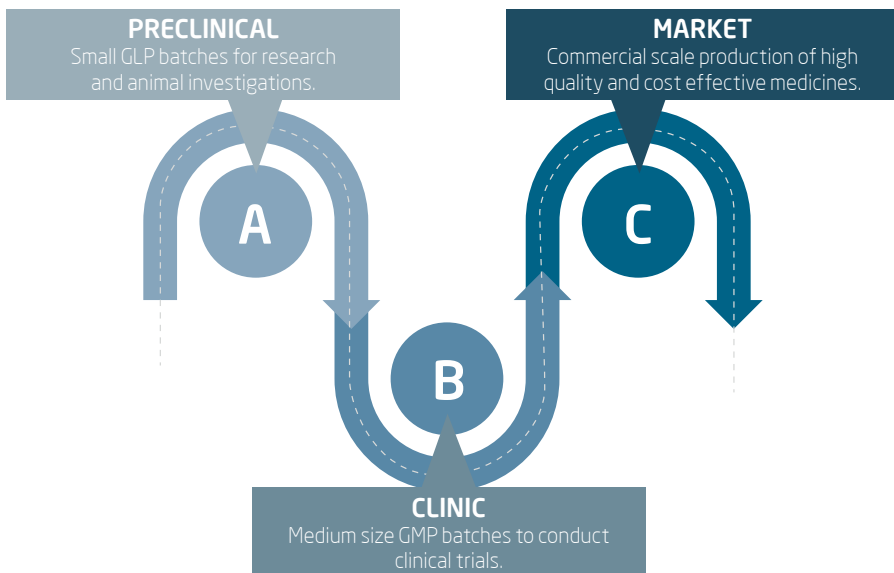
Cell therapy, new biomolecules, precision medicine are examples of innovative concepts where improvement and transformation of bioprocesses are crucial. Technological challenges to provide safe, innovative, and cost effective medicines are present at all stages of development, from preclinical investigations to the production of final therapeutic solutions for the patients.

Each development stage has its specific needs and constraints. To tackle these multiple requirements, interdisciplinary interactions between top-level skills in biology, engineering, informatic technologies, digital industry and medical partners are crucial.

Wallonia is proud to present its strong and diverse ecosystem of industries and research centers active in the biomanufacturing field :

- Pharmaceutical industries (majors, SMEs) developing their own innovative biopharmaceuticals
- Contract Development and Manufacturing Organizations proposing biomanufacturing services and facilities
- Services providers proposing support for the development and optimization of your processes and plants

BioWin, the Health Cluster of Wallonia, catalyses the interactions between these actors, stimulates their collaborations both at the local and international level, and increases their global visibility in the Health and Life Sciences sectors.



COMPANIES DEVELOPPING THEIR OWN BIOPHARMACEUTICALS (PRODUCT RESEARCH & DEVELOPMENT)



A B C

Bringing biologicals to animal health.



A B

Adapting molecules from nature to therapeutic use.



A B

A bone regenerative therapy company.



A B

Breakthrough pioneering therapies to patients with life-threatening diseases.



A B

Therapeutic Vaccines for Autoimmune Diseases.



A B C

Science-led global healthcare company developing vaccines.



A B C

Developing Innovative biologics for patients care.



A B C

Specialists in women's health, CDMO services in polymer technology, injectables and hormonal tableting.



A

Cell-based therapies for hard & soft tissue reconstruction.



A B

Development of a universal flu vaccine. Breakthrough technology platform for immunotherapies & vaccines.



A B

New class of potent and scalable therapeutic cancer vaccines based on a proprietary allogeneic cell line of Plasmacytoid Dendritic Cells (PDC*line).



A

hiPSC as tools for drug discovery and development.



A B

Global innovator in liver cell-based medicine.



A B C

Global concept in regenerative veterinary medicine.



A B C

Global biopharmaceutical company, with a focus on neurology and immunology.



A B C

The largest global animal health company.

PRODUCTS AND SERVICES IN ENGINEERING AND DIGITAL TECHNOLOGIES TO DESIGN YOUR BIOPROCESSES AND PLANTS



B C

GMP infrastructures for manufacturing projects.



B C

Safer and easier aseptic filling.



B C

Clean piping, air filtration and high technology metal production (custom parts). Specialist in FDA level production units.



B C

Global Project Management Partner in conception and development of laboratories.



B C

Modeling and numerical simulation.



B C

Development and production of your biomanufacturing equipment.



B C

Biomanufacturing excellence through data sciences.



A B C

Specialized engineering services and GMP/validation consulting services.



A B C

Microchip technology with in-depth expertise in software and ICT : high-throughput cytometry and cell sorting.



A B C

Processes automation for cellular culture.



B C

Sensors and automation for manufacturing processes.



B C

Integrator of automated equipment, focusing on mechatronics, robotics and artificial vision.



B C

Disposables for the medical and pharmaceutical industry.



B C

Smart cell culture monitoring platforms for bioprocessing.



A B C

Robust and innovative statistical solutions for the development, validation and control of processes.



B C

Tailor-made technical and digital innovative solutions.



B C

Technology for health visionaries in controlled environments, automation and robotized equipment.



B C

Innovative technologies and solutions for communications providers.



B C

Engineering services aiming at integrating microsystems in industrial products or processes.



A B C

Novel biomanufacturing platforms to make biologics available and affordable to all.

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PRODUCTS AND SERVICES IN MOLECULAR AND CELLULAR BIOLOGY TO OPTIMIZE BIOPRODUCTION



A

Biomedical research center.



A B C

Contract services of viral vector development and manufacturing for cell and gene therapy products.



A B C

RNA production platform for research organizations, CDMOs and biopharma companies.



A

Biomanufacturing services & innovative rat/guinea pig monoclonals for preclinical immunotherapy & cell therapy projects.



A B C

Novel biomanufacturing platforms to make biologics available & affordable to all.

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CONTRACT DEVELOPMENT AND MANUFACTURING ORGANIZATIONS



B C

Cell therapy and plasmid DNA manufacturing partner.



B C

Trusted and innovative solutions in the Life Science research, diagnostic and pharmaceutical markets.



A B C

Specialists in women's health, CDMO services in polymer technology, injectables and hormonal tabletting.



B C

Services and technologies for bioprocess development, contract biomanufacturing services, and purification equipment.



A

Biomanufacturing services & innovative rat/guinea pig monoclonals for preclinical immunotherapy and cell therapy projects.



A

Manufacturing proteins & DNA for preclinical applications.

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GENERAL SUPPORT



BRIDGING ACADEMIC AND INDUSTRIAL COMMUNITIES TO CREATE INNOVATION AND DEVELOP SOLUTIONS



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