

PORTFOLIO of TECHNOLOGICAL SERVICES OFFERED BY PARTNERED COMPANIES of BIOTIFARM



ASOC. CANARIA DE BIOTECNOLOGÍA E INDUSTRIA FARMACÉUTICA

SCIENTIFIC

- **Extraction, collection, quantification** of new products from plants or marine organisms.



- **Design of smart drugs by *in silico* evaluation** of the product-therapeutic target interaction.



- **Total synthesis** of new organic products.



- **Modification and enrichment** of plant bioactive products by means of tissue culture biotechnology.



- ***In vivo* & *in vitro* analyses of pharmacological activity** of new products.



- **Biological activity studies**, antitumor, antibiotic (enterobacteria, salmonella, molds, yeast)



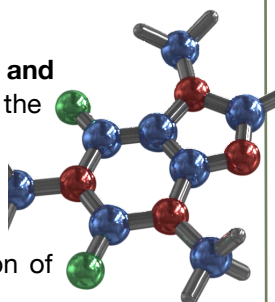
- ***In vitro* demonstration of the proof-of-concept** of new products in animal models (spontaneous tumors, antiinflammatory activity).



- **Pharmacodynamic, toxicology and galenical studies** to complete the preclinical evaluation of new compounds.



- **Aloe quality control** (determination of aloin, acemannan, leaf markers).



- **Determination of fatty acid profile** of biological samples.

- **Composting plant**, design, installation, equipment, technical advice and start.



- **Obtaining bio-fertilizers of high quality** using living organisms.



- Training on **controlled management of organic residues**.



- **Analyses of soil and food samples**.



- **Soil decontamination and restoration of degraded areas**.



- **Actions to mitigate climate change, carbon sequestration**.



- **Microbiological Analyses of water samples:** potable, bathing and swimming, and processes and wastes.



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COMPANIES SUPPORT

- **Business incubador**, units rentals, meeting rooms, video-conferencing, internet access, seeding of spin-off companies, etc.



- **Business cooperation**, relationships and contacts with business associations, networking, and contacts.

- **Promotion, trading and marketing** of companies.

- **Organization of congresses, conferences, sessions, courses, with venue offers.**

- **Advice on funding lines** for technology projects

- **Promotion of R & D & i**, and start operation of research results.

- **Training activities** related to Business Management, Innovation Management, Project Management, Use of Scientific Technologies, etc.

- **Advice in the development of business plans** for the creation of technology-based companies.



SERVICES TO SUPPORT RESEARCH

- **Laboratory of Environmental Resources. Analytical Control** Atmospheric analyses: chlorides, SO₂, CO₂, CO, O₂, N, fluorides, particles, metals.



- **Laboratory of Thermodynamics and Physical Chemistry of Fluids. Analyses of liquids:** density, viscosity, thermal capacity, characterization of substances.

- **Integrated Manufacturing Laboratory.** Conceptual design, CAD 3D creation models, Mechanical and construction designs, Calculus and simulation of products.

- **Metrology and Calibration Services.** Verification, Characterization, Calibration, Measurement management.

- **Electron Microscopy Service.**

- **Laboratory Animals Service.**

- **Soil analyses:** pH, organic matter, conductivity, Mg, Na, K, Ca, granulometry.

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INVESTORS

- **Viability and strategies analyses** of investment projects.



- **Advice on investment and disinvestment.**



- **Development of large business projects potential.** Consulting, diagnosis, analysis.



- **Elaboration of monitoring reports** of participated projects.



- **Presentation of projects of interest to investors.**



- **Advice on business development and growth.**

