Linking Education, Science and Stakeholders: The BioEnterprise Master Experience

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Summary: 1. The basis. 2. The procedure. 3. The results

Bologna process

- Integrated masters' degree in pharmacy
- Competences from pharmacy to biotechnology, biochemistry, etc.
- Evolution in the pharmaceutical industry:
 - science from chemistry to biotechnology
 - organisation from big pharma to start-ups





To acquire highly specialized knowledge, some of them at the forefront of a field of work or study, as the basis for original thinking and research in the field of **molecular biology and its relationship to biotechnology companies.**

To acquire highly specialized knowledge in managing biotech companies to form the basis for the initiative and entrepreneurship.

To acquire critical awareness of knowledge issues in a particular field of biotechnology and in the **interface between** different fields such as **genetic screening, identification, drug development**, etc.. to make professional reports.

To acquire knowledge of the scope, limitations and key application areas of **bioinformatics** tools in the context of the structure and function of proteins, with special emphasis on **protein engineering**, rational drug design and **nanobiotechnology**.

Be able to raise experimental omics techniques and approaches using **Cellular and animal models**.

Develop skills to prepare and manage research projects and / or development.

Develop capacities to identify and **evaluate business opportunities** in the general and specific environment of the biotechnology activity.



III. Prácticas Tuteladas en Empresas y Trabaio Fin de Master (525 horas)

INFORMACIÓN:

 Departamento de Bioquímica y Biología Molecular II Facultad de Farmacia, Universidad de Granada

http://masteres.ugr.es/bioenterprise/

Farmacología **Ouímica** Orgánica Instituto de Nutrición y Tecnología de los Alimentos "José Mataix Verdú **Biblioteca** Universitaria (Documentación e Información

Participantes

CSIC: Estación Experimental del Zaidín, Genómica e Investigación Oncológica (GENyO) Innovadores en Andalucía (MEDINA) Banco Andaluz de Células Madre **Empresas** Abbott Laboratories Bioiliberis Research & Development SL Biosearch Life BIOT. S.L Cervezas Alhambra DestiNA Genomics Experimental Serendipity Ingredientis Biotech Instituto Internacional de Flebología Inves Biofarm Loraen G.P., S.L Master Diagnostica Neuron Biopharma, S.L Neuron Bioindustrial N-Life Therapeutics Rekom Vircell

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