

THE COMPANY

PRAXIS PHARMACEUTICAL GROUP is structured in three divisions:



Research and development of own or acquired molecules in early development phases



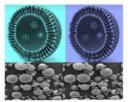


Contract development and manufacturing of sterile liquid or lyophilized drugs, specially biologics and other complex drugs, cell therapy products and nano-microformulations



Marketing of drugs and health devices in Spain, France, Portugal and South America

MANUFACTURING DIVISION



TNNOVATION

Drug Delivery Nano-Micronanomedicines

"Praxis has developed Technology Platforms for the Development, Scale-up and Manufacture of Nanomedicines"

- · Recognized scientific team supporting all the development activities (patents and articles in high impact articles).
- · Capabilities for Development and up scaling of production of nano/ micro pharmaceuticals at our GMP facilities.
- The proposed platform technologies, mainly based in lipid matrices, allows the obtaining of <u>nanoformulations</u> of different drugs in a safe and efficient way (SLNs and NLCs).
- · Ability to overcome lack of reproducibility / homogeneity, absence of regulatory guidelines and toxicity issues.
- Other processes available for microparticles processing (using PLGA or similar components).

MANUFACTURING DIVISION



Clinical GMP and ISO Manufacturing

"Flexibility and efficiency combined with Regulatory compliance"

- Special equipment for easy format changing, featuring CIP and SIP processes, designed for highly efficient small-medium batch production.
- · Maximum Flexibility (single use materials, cold compounding, absence of oxygen, light protection, etc.)
- Clinical batch manufacturing (Phase I, Phase II, Phase III) with semi-automated/automated filling processes, matching all customer needs.
- In house release of clinical batches (QP) and experience to provide regulatory support for the CMC, preclinical and clinical sections.

R & D DIVISION

Micro-nanoformulations for cancer therapy and diagnosis



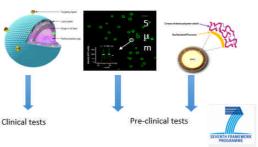
Microbubble driven multimodal imaging and theranostics for gliomas

Microbubbles (MBs) are a well-established contrast agent for US imaging.

Theraglio will develop a multimodal imaging system for Theranostics (therapy+diagnosis) of patients bearing malignant glioma.

TheraGlio will avail of new generation Microbubbles (MBs) that can simultaneously act as drug delivery system and contrast agent for Magnetic Resonance Imaging, intra-operative Contrast-Enhanced Ultrasound and intra-operative fluorescence microscopy.

Microbubbles supporting imaging and theranostics

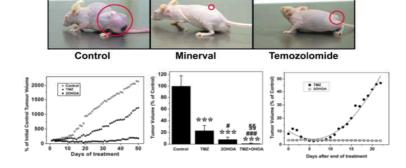


R & D DIVISION

MINERVAL for cancer therapy and diagnosis

Minerval against human brain tumors (GLIOMA) compared to TMZ

Human glioma (SF767) cells in Nu/Nu mice



Other Micro-nanoformulations

Lipid nanoformulations for skin regeneration

Nanoformulate growth factors to decrease their degradation.

Dose reduction.

54) Title: LIPID NANOPARTICLES FOR HEALING WOUNDS

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(57) Abstract: The invention relates to lipid nanoparticles competioning a growth factor and/or an antinicrobial lipid, and a method for the preparation thereof. The invention abor relates to pharmaceutical compositions comprising said lipid nanoparticles and a pharmaceutically acceptable currier. The invention in three relates to the use of said pharmaceutical composition as needlection and for promoting the healing of wounds, in particular by means of topical administration.

(57) Resonance: La invencione se refuer a unanoparticalla lipidicas que comprenden un factor de crecimiento y/o un lipido nanoparticalis lipidicas y un vehiculo formaceutica supra se refuer a composicionos farmaceuticas que comprenden dichas nanoparticalis lipidicas y un vehiculo formaceutica composicion farmaceutica que comprenden dichas nanoparticalis lipidicas y un vehiculo formaceutica composicion farmaceutica por su uso como medicamento y para su uso para promover la cicatriración de heridas, en particular mediante administración tópica.





