An initiative from Galicia for early drug discovery

Innopharma

Pharmacogenomic Platform
WHAT IS INNOPHARMA?

INNOPHARMA is a drug discovery Galician (Spain) initiative that combines Genomics and Drug Screening Platforms, led by Dr Ángel Carracedo and Dr Mabel Loza. It is located at CIMUS (Center for Research in Molecular Medicine and Chronic Diseases) of the University of Santiago de Compostela and is financed by the EU Technology Fund, via the Spanish Ministry of Economy and Competitiveness.

INNOPHARMA aims to potentiate the pharmacogenomic early drug discovery from Galicia, by filling the gap between the basic research on new therapeutic mechanisms and its industrial aplication.
ASSETS

The initiative has three pillars:

- A high throughput pharmacogenomics platform of innovative technologies applied to assay panels in early drug discovery.

- Constant development of an outstanding chemical library of compounds with chemical and biological diversity, including repurposing.

- A pipeline of collaborative programs with industrial standards, allowing the establishment of strategic partnerships in a context of open innovation.
**CAPACITIES. WHAT DOES INNOPHARMA OFFER?**

- Experience from more than 15 years both in early drug discovery and genomic medicine.
- Pharmacogenomic platform integration, translational research, proximity to diseases (emphasis on rare), access to patients.
- Translational technologies, open chemical library.
- Experience and flexibility in open partnerships.
- Early clinical proof of concept of new targets.

**MODELS OF COLLABORATION WITH INNOPHARMA:**

- Simple observation (first refusal).
- Collaboration with an initial fixed fee.
- Co-development, i.e. access to chemical libraries by licensing or partnership agreements.
In its first call for research projects, INNOPHARMA has received 110 EoI, of which 8-10 were initially selected for further development.

The proposals were included in five therapeutic areas: Neurological diseases, Metabolism, Cancer, Inflammation and Rare Diseases.

Selected projects were classified in the following categories according to their stage of development in the process of early drug discovery:

- **Open Lab projects**
- **Hit to Candidate projects**
- **Preclinical projects**

These categories are further categorized under the following therapeutic areas:

- **Neurological and psychiatric**
- **Metabolism**
- **Cancer**
- **Inflammation**
- **Rare diseases**
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