



NANOMED



IX Conferencia Anual de las Plataformas Tecnológicas de Investigación Biomédica: Medicamentos Innovadores, Nanomedicina Tecnología Sanitaria y Mercados Biotecnológicos

Nuevos retos en investigación biomédica

Barcelona, 15 y 16 de Marzo de 2016

Pharmacogenomics Platform



Coordinators: Angel Carracedo and Mabel Loza University of Santiago de Compostela











Who we are





Pharmacogenomic Platform in Early Drug Discovery

international pharmaceutical

• International research groups

and scientific networks at the

and biotechnology companies.

• Over 30 Spanish and

- Reference groups with over 15 years of experience in genomic medicine and drug discovery.
- 10 NCE (New Chemical Entities) reached clinical trials from our work.
- · Managing a multidisciplinary team of 130 professionals.
- More than 650 publications in indexed journals, with 25 publications in Nature and Science journals.
- Consolidated knowledge-based platform.
- - strategic issues.

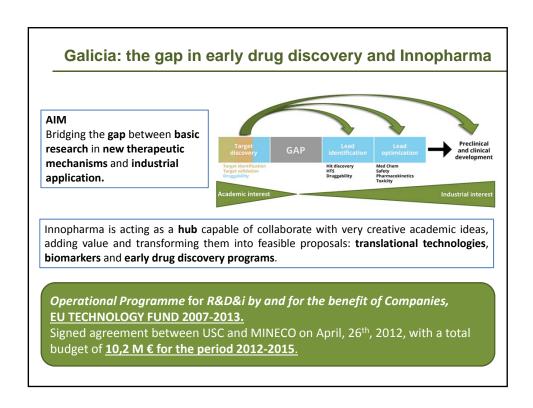
highest level.

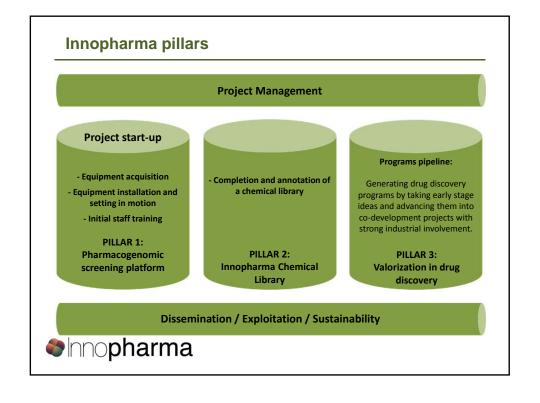
- · Connected with the best experts in the world on
- Collaborations

- Our fundraising average is 2,5 million €/year.
- We have a self-funded and validated platform business model.
- · Surpassing the traditional financial, technical and execution risks associated to Academia

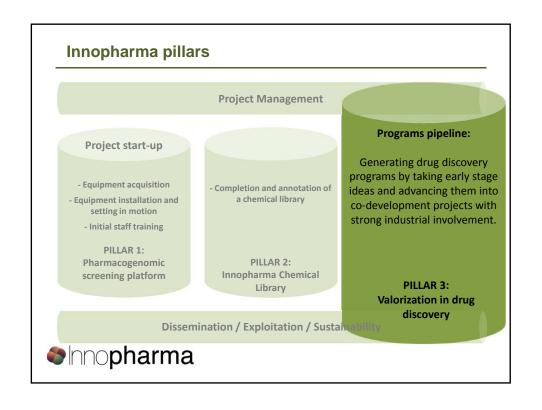


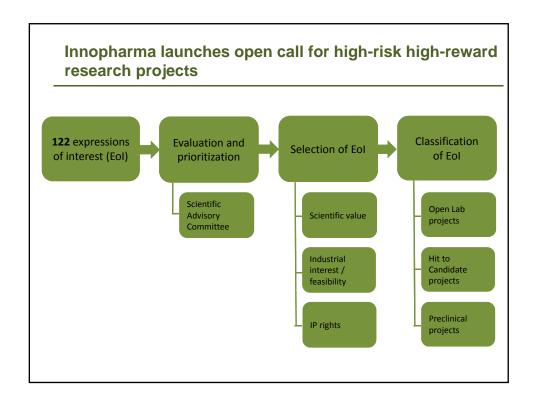
Experience

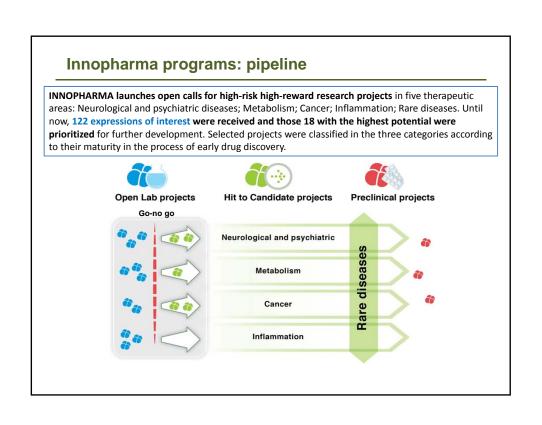


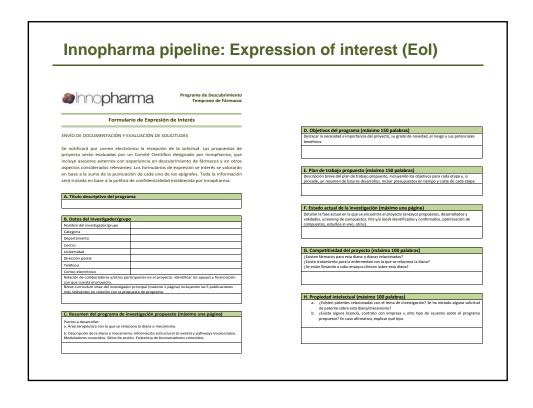


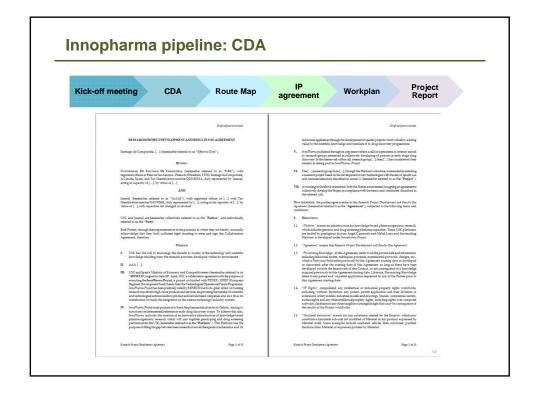
Innopharma results: Public infraestructure PHARMACOGENOMIC PLATFORM with state-of-the-art genotyping and screening capabilities, including more than 300 assays developed. It has been recognized as one of nine high-throughput screening platforms with high capacities partnering the European Network ESFRI EU-OPENSCREEN Chemical compound libraries completed until 60.000 compounds with a wide chemical and biological space coverage Creation of unprecedented IMI-OpenPHACTS Project collective intelligence networks Collaborative publications among IMI researchers -Call 1-3 Increasing participation in excellence science projects (H2020), in collaborative networks funding 6 European projects 3 Networks of excellence

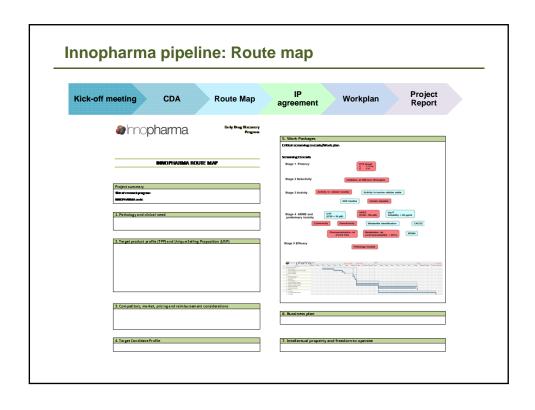


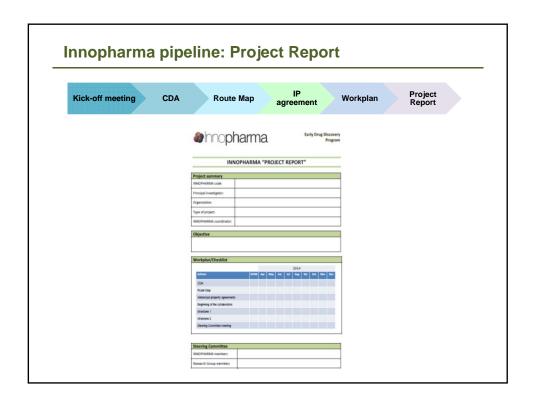


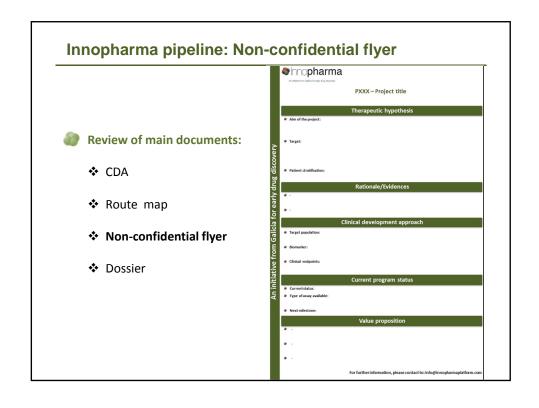


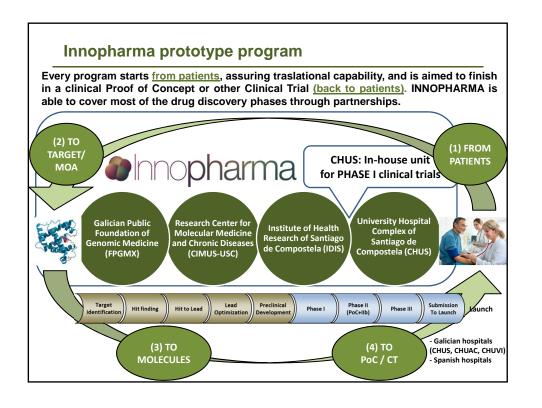














Innopharma results: Public Private Partnerships

- Signed agreements with 42 companies and partners: Pharmas

 - Biotechs
 - CROs
 - Advisers (legal / technical)
 - Manufacturers / dealers
- Agreements with **5 pharmaceutical companies** to establish new collaboration models (academy-industry), to promote professional training and internships and to develop new standards in drug discovery. Agreements with different companies to act as a beta-tester of new products/technologies
- 1 program winner in an open innovation contest of a multinational pharmaceutical company: **GSK Discovery Fast Track Challenge (Discovery** Partnerships with Academia, DPAc)
- 1 program with clinical Proof of Concept finished.
- Award for **Best Research Initiative** from the journal *Correo Farmacéutico*
- Creation and retention of high-quality employement in the region (scientists, technicians, innovation/business development specialists and management)

Innopharma: Sustainability process

🤎 I Innopharma Workshop

- September, 22nd-23rd, 2014, Santiago de Compostela
- Introduction of Innopharma to the joint public-private international scientific community and discussion about how it can contribute to drug discovery in an open innovation environment

MISSION: To introduce innegharms to the joint public-private international scientific community and to discuss how it can contribute to drug discovery in an open innovation environment.

RESULT: The dialogue initiated during the workshop fulfilled expects tions. Several key points were raised that will help define a differentation strategy to make the model of complementanty, on which the sustaineability plan offenopharma is back, successful.

- one of the major challenges for landpharma are to understand the commercial process and interpret the market landscape, having a sustainability plan in place, with a business evalupment unit, and being able to anticipate the changes in the drug discovery and evalupment sector is key for success.

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Sustainability: External Advisory Committee

- Initial: November, 13rd, 2014, Madrid. Follow-up meeting in April, 20th, 2015, Madrid
- Setting up an External Advisory Committee of renowned experts (15 people initially, more than 20 now).
- Creation of a sustaintability model of Innopharma based on open innovation and publicprivate partnerships

II Innopharma Workshop on reverse transference

- November, 18th, 2015, Santiago de Compostela
- Improve sustainability plan based on totipotent model and share strategic positioning in socioeconomical development of Galicia

III Innopharma Wokshop

- March, 10th-11th, 2016, Santiago de Compostela
- Joint analysis and discussion of the new collaborative strategies for Innopharma sustainability





An initiative from Galicia for early drug discovery

AGENDA

INNOPHARMA SUSTAINABILITY WORKSHOP. "Conclusions and next steps"

Centro de Estudios Avanzados (CEA)

Parque de Vista Alegre. Rúa Salvadas s/n

Santiago de Compostela. 10-11th March, 2016

MISSION: To take advantage of the new emerging initiatives for drug discovery to allow more efficient and faster transference of the best science to patients.

AIM: To introduce and improve, through joint analysis and discussion, the new collaborative strategies for Innopharma sustainability; initiated following the conclusions of the previous Innopharma workshop.





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 $\underline{\text{TOTAL NUMBER OF PARTICIPANTS}}; \, \mathbf{121} \, \text{participants.}$

INTERNATIONAL: 15 different nationalities represented in the workshop.

<u>MULDISCIPLINAR</u>: Representives with responsibilities including research, discovery, innovation, transference, legal advise, public policies, business development, management, etc.

<u>REPRESENTED SECTORS</u>: 17 pharmaceutical and biotech companies, 28 European institutions and drug discovery initiatives, 6 foundations, 5 venture capital companies and 6 independent advisers / others.

