

INTERNATIONAL INNOVATION PROGRAMME OPEN INNOVATION AREA

13th February 2019

From 08:30 h. Main entrance

Accreditations and delivery of documentation

09:30 - 10:15 h. **TALLER: FECYT**

10:15 - 11:15 h. **INTERNACIONAL SUCCESS STORIES: PUBLIC RESEARCH INSTITUTIONS**
OPIS Block

CSIC: Alofisel project

Thanks to this project a new medicine for treating complex perianal fistulas in adult patients suffering from Chron's disease has been created. This has been developed by TiGenix and acquired by Takeda (a pharmaceutical company from Japan).

- **Javier Maira.** Head of the Commercialization and Contracts Division, CSIC

CSIC/UNIZAR (University of Zaragoza) - **Aragón Materials Science Institute** (ICMA): Helium Recovery with an American and a Japanese International Company

- **Conrado Rillo.** Researcher

CIEMAT: Rocket Pharmaceuticals, first-in-class gene therapies for patients with devastating diseases

Energetic, Environmental and Technological Research Center, *Centro de Investigaciones energéticas, Medioambientales y Tecnológicas*):

Rocket's pipeline is comprised of first-in-class gene therapies for rare and devastating inherited diseases. Designed in collaboration with leading academic and industry partners, Rocket lentiviral-based programs aim to enable transduction of patients' stem cells by means of 3rd-generation, self-inactivating lentiviral vectors to optimize the potential for gene-correction and stem cell engraftment such that the functional deficits of each disorder are corrected, with sufficient quantities of healthy protein manufactured by patients' own hematopoietic cells. Each program is intended to be transformative, enabling not only reversal of the disorder at molecular and cellular levels, but sustained relief from debilitating and potentially life-threatening symptoms.

- **Miriam Zeini.** Rocket Pharmaceuticals

INTA: Diana Aerial Target project: Technology Transfer of a DIANA Airborne Target System to the Brazilian Air Force

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The project "DIANA AERIAL TARGET" is a technological transfer and hardware delivery initiative performed by the National Institute of Aerospace Technology (*Instituto Nacional de Técnica Aeroespacial, INTA*) within the commercial industrial and technological compensations, established by the Brazil Government and by the AIRBUS Defence and Space (AIRBUS D&S).

- **Edgar Martinavarro.** Project manager, INTA
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11.15-11.30h **UNIZAR**

- **Iñaki Ochoa, Universidad de Zaragoza (UNIZAR)**
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11.30 – 12. 30 h. **WORKSHOP "University-Business Ecosystem"**

University-Business Ecosystem, a programme for meetings between domestic outstanding spin-offs, with the aim of showing to the university community, as well as the general audience stories of success within the technologically based companies creation field and promoting the transfer of research results.

It is a space for discussing and exchanging experiences in which guest spin-off exposes its path, commenting the most relevant aspects regarding the landmark moments in its creation and growth. After individual presentations, the attendees may ask questions or comment the most interesting subjects. Consequently, it is an event which promotes not only transfer of experiences in the field, but also the building of knowledge among the participant companies, the university community and the rest of attendees/participants.

Moderated by:

- **Rafael Ventura.**

Participants:

- **Manuel Ruiz de Quintanilla,** CTO, AEORUM
 - **Juan Antonio Madrid.** Head of the Chronobiology Laboratory, University of Murcia and promoter of the spin-off KRONOHEALTH
 - **Marta García,** AQUILONCYL
 - **Javier Aracil.** Partner, NAUDIT HPCN (High Performance Computing Networking), Public University of Navarra (UPNA)
 - **Paco Gómez.** FENTISS
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12:30 - 13:30 h. **Venture Capital Investment funds for Technology Transfer and Start-Up projects**

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Promoting and enhancing the financing of technological transfer projects is one of the existing challenges in Spanish Universities. In recent years, venture capital is gaining certain presence within financing this kind of projects thanks to the creation of new funds focused in tech transfer. The aim of this round table is showing how VC is invested in tech transfer projects, differences and difficulties when investing in start-ups, quality in deal flow and its researchers, providing VC in an investment, weaknesses in our system compared to Israel, etc.

Presented by:

- **José Zudaire**. Spanish Association for Capital, Increasing and Investment (ASCRI).

Moderated by:

- **Carlos Trenchs**. dayOne Director, CaixaBank

Participants:

- **Martin Rivas**. Managing Partner, Uninvest
- **Juan Revuelta**. Investment Director Swanlab Venture Factory
- **Juan Álvarez de Lara**. General Partner, Origen Ventures
- A representative from Go Aigua (Go Hub)

13:30 - 13:45 h. **Metrovacesa**

- **Carmen Chicharro**. Head of Innovation, Metrovacesa

13:45 – 14:45 h. **OPEN FUTURE**

Coordinated by:

- Telefónica

14:30 - 16:00 h.

NETWORKING FINGER LUNCH

16:00 - 17:00 h. **OPEN FUTURE**

Coordinated by:

- Telefónica

17:00 - 18:00 h. **Challenge for the Environmental sector – GLOBAL Omnium GO Hub WATER TECH Challenge: "Advanced Technologies for the whole cycle of water"**

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Global Omnium, leading group at smart management for the whole cycle of water, is searching for solutions based on Big Data, AI, Machine Learning, IoT, robotics, drones... that may be a revolution within any subject related to water and sustainability.

18:00 – 18.15 h. **Introducing “Destaca” Fair**

Fair for scientific and technologic knowledge transfer of the region of Valencia.
Villareal City Hall and Chair for Ceramic Innovation “Ciutat de Vila-real”

- **Juan Carda.** Chair of Ceramic Innovation “Ciutat de Vila-real”, University of Jaime I (UJI)
- **Toni Castelló.** Head of Communication for Chair of Ceramic Innovation “Ciutat de Vila-real”, University of Jaime I (UJI)

18.15 – 18:45 h. **CHALLENGE – Aeronautical Sector - Xunta de Galicia:** “BFAero” aims to promote the development of innovative companies at the aeronautical sector and unmanned aerial vehicles.

18.45 – 19:00 h. **Introducing GAIN and their innovation support map**

- **Pedro Arenas Barreiro. Services Area Manager.** Agency for Innovation (GAIN)

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09:30 – 09:45 h. **ALGARVE Success Story: Divuligation of a Technology Hub. From the University to a Technology Park**

Speakers:

- **Hugo Barros.** Head of the Division of Entrepreneurship and Technology Transfer at the University of Algarve

09:45 - 10:15 h. **MERCANZA Presentation**

- **Cristina Marzivi3n.** Head of South Delegation, Mercanza

10:15 - 10:30 h. **New models of drones applied in agriculture and R+D+i projects**

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- **Leticia Chen.** President, Chamber for Hispanic Chinese Cooperation

10:30 – 10:45 h. **Success Stories: onGRANADA TECH CITY**

- **Vito Epíscopo.** General Secretary, OnGranada

10:45 - 11:00 Linknovate

- **Pablo Barro**

11:00 – 11:15 h. **Success Stories: MSD Presentation**

11:15 - 11:30 h. **Success Stories: RENFE**

- **Bruno Espinar.** Area Manager for Mobility 4.0 RENFE

11:30 – 11.45 h. **Japan Science and Technology Agency (JST):**

- **Masahiro Takemura,** SIP Director, Japan Science and Technology Agency (JST)

11:45– 12.15 h **PUBLIC RESEARCH INSTITUTIONS OPIS BLOCK: Success Stories**

CIEMAT (Energetic, Environmental and Technological Research Center):

Using stopping energy from metropolitan trains for quick charging of electric cars.
Development of an innovating system of a smart management of steady electricity from trains and systems and associated devices of Madrid Metro (traction substations, energy accumulators, power electronics and control strategies), introducing quick charge points for electric cars in the network so the energy generated by trains when stopping can be used to the upmost, as well for system efficiency.

- **Marcos Lafoz.** Head of the Power Electricity Section, CIEMAT

IEO National Oceanography Institute

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Developing a protocol for cultivating larvae of common octopus and transfer to business.

In this communication the development and progress of the patent for the farming of common octopus is described, along with its later transfer to companies for being validated at an industrial level. This protocol has achieved to reduce the high deceasing rate during the octopus' first stages of life, which represented the main setback for its breeding in captivity.

- **Eduardo Almansa.** Scientist at OPI National Oceanography Institute

12:15 – 12:45 h. **Success stories: Technical University of Cartagena (UPCT)**

CLOUD INCUBATOR HUB: the creation of the best accelerator for enterprises in Spain according to FUNCAS at the UPCT*. They will describe the creation and evolution of the Cloud Incubator HUB, an accelerator for technological enterprises within the Universidad Politécnica of Cartagena, and how it became for the second time the best one in Spain according to researches performed by FUNDAS 2016/2017 and 2018/2019. They also will present the latest project coordinated by them: **MERLIN**.

- **Andrés Iborra.** Full professor of Electronic Technologies at the UPCT founder and CEO of the Cloud Incubator HUB
- **Diego Alonso.** Computer Systems and Languages Professor at the UPCT, co-founder of the Cloud Incubator HUB and Coordinator of the H2020 Merlin Project.

Functional watermelon juice for improvement at sport performance

Female researchers from the UPCT have checked the functionality of watermelon juice of enriched with L-citrulline, which ergogenic effects enhance sport capacity in aerobic as well as anaerobic exercises.

- **Encarna Aguayo.**

12:45 - 13:00 h. Presentation from **UCO (University of Cordoba)**

13:15 – 13.30h **EIT Health as a motor for innovation and entrepreneurship in Health**

EIT Health promotes a healthy living, active ageing and improvements in medical assistance. Discover how thanks to our three business lines – acceleration, innovation and training – we are contributing to developing innovation at health sector.

- **Marco Pugliese,** Managing Director, EIT Health Spain
- **Irene Sánchez,** Business Creation Manager, EIT Health Spain

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13:00 - 14:00 h. **Cross-KIC Session: Business and entrepreneurship opportunities trough KICs from EIT.**

Discover how the different knowledge innovation communities, KICs, boost entrepreneurship and innovation in Europe.

- **Daniel Serra.** Director, EIT Urban Mobility Interim Innovation Hub South
- **Begoña Pérez.** Director, EIT Food CLC South
- **Marco Pugliese.** Managing Director, EIT Health Spain
- **José L. Muñoz-Bonet.** Managing, EIT Climate KIC Spain