IGTP Annual Symposium

From research origins to outcomes.
Networking across the Can Ruti Campus.

Thursday, 26 November | 9:30 - 16:30

BCIN - Badalona Centro Internacional de Negocios

Attendance registration form

Scientific Committee

- **Mario Martin**, Epidemiologist, Centre for Epidemiological Studies on HIV/AIDS and STI of Catalonia (CEEISCAT), ICO-IGTP, CORE Program
- **Ramon Bartolí**, Translational Research in Hepatic Diseases, IGTP
- **Cristina Casanovas/Miguel Angel Jorquera**, NURECARE, HUGTiP, IGTP
- **Marcel·la Franquesa**, Research in Kidney Affecting Diseases Group (REMAR), IGTP, PATH Program
- **Noemí Párraga**, Clinical and Environmental Infectious Diseases Study Group (CEID); IGTP, CORE Program
- **Santiago Roura**, Heart Failure and Cardiac Regeneration (ICREC), IGTP, PATH Program
- **Marc Cucurull**, B·ARGO, ICO-IGTP and CARE Program
- **Julia García-Prado**, Scientific Director IGTP, Viral Immune Evasion and Vaccines Group (VIRIEVAC) IrsiCaixa

Technical Organiser

- **Harvey Evans**, IGTP



Organised by:

IGTP Germans Trias i Pujol Research Institute

With the participation of the IIS IGTP institutions:

Germans Trias i Pujol Hospital · UAB Universitat Autònoma de Barcelona · IrsiCaixa · ICO Institut Català d'Oncologia · Banc de Sang i Teixits · Josep Carreras Leukaemia Research Institute · Institut Guttmann · IDIAP Jordi Gol · Consorci Sanitari del Maresme

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PROGRAM

9:30-9:45 — **Welcome and Opening Remarks**
Julia García-Prado, Scientific Director, IGTP

9:45-10:25 — **Keynote Lecture.** *Is AI a reliable assistant for the physician?*
Simon Balocco, Associate Professor at the University of Barcelona.
> Moderator: **Julia García-Prado**

10:25-11:00 — **The Spark.** *Basic research: where ideas begin*
> Moderator: **Marcel·la Franquesa**, IGTP

1. **LNP-mediated NF2 mRNA replacement therapy partially restores merlin function in an iPSC-derived Schwann Cell-like spheroid model**
Gemma Casals, IGTP

2. **Novel therapeutic target for pulmonary fibrosis: signaling via CB1/2-AG axis in lung fibroblasts**
Paula Goncalves, IGTP

3. ***Staphylococcus aureus* and micronanoplastics: impact on respiratory infections**
Iris Romero, IGTP

11:00-11:10 — **GCATalog: Interactive Resources for Population-Based Research**
Natalia Blay and **Rocío Estéfano**, GCAT, IGTP

11:10-11:50 — **Coffee break**
Networking and poster session

11:50-12:35 — **The Bridge.** Translational research: turning insight into innovation
> Moderator: **Santiago Roura**, IGTP

1. **Moving Immunity: Exercise as a Modulator of Type 1 Diabetes**
David Perna, IGTP

2. **Shared Neurodegenerative and distinct immune signatures in Alzheimer's and Lewy Body Disease**
David Adamuz, IGTP

3. **Extracellular vesicles derived from mesenchymal stem cells (MSC-EVs) attenuate doxorubicin-induced tubular epithelial cell damage by promoting mitochondrial maintenance**
Linrong Pan, IGTP

4. **DNA methylome profiling of differentiated thyroid cancer progression reveals predictors of distant metastasis**
Helena Rodríguez, IGTP

12:35-13:15 — **Quiz -** What do you know about our Transversal Programs?

13:15-14:10 — **The Difference.** *Clinical & population research: changing patient outcomes*
> Moderators: **Marc Cucurull**, ICO-IGTP and **Mario Martin**, ICO-IGTP

1. **Impact of the TB-SEQ project: four years of tuberculosis genomic surveillance in Catalonia reveal new dynamics of lineages, resistance, and transmission**
Antoni Escalas, IGTP

2. **Acute Effects of Jägerbomb Administered in a Binge-Drinking Pattern: A Randomised Clinical Trial**
Clara Pérez, HUGTiP, IGTP

3. **DM1-Hub Spain: A Dynamic Patient Registry Mapping Multisystem Pathophysiology to Drive Personalised Care in Myotonic Dystrophy Type 1**
Juan Manuel García, IGTP

4. **Smart Rehabilitation for Hand and Finger Mobility Using Exoesqueleteon for Stroke Patients. Usability & Validity Test**
Ignasi Soriano, Institut Guttmann Neurorehabilitation Hospital

5. **Long-Acting CAB/RPV and Sexual Satisfaction in People With HIV: The SEXPROM Study**
Helena Gonzalez, ICO-IGTP

14:10-14:20 — **Group photo**

14:20-15:45 — **Lunch break**
Networking and poster session

15:45-16:30 — **Round table**
Clinical and population research: Challenges and barriers
> Moderator: **Crisitina Vilaplana**, HUGTiP-IGTP

Antoni Plasència, Director General for Health Research and Innovation
Francesc Xavier Cos Claramunt, Head of the Office for Support for Research and Innovation, Catalan Health Institute (ICS)
Cristina Casanova, NURECARE, IGTP, Associate Director of Nursing for Professional Development, Research and Innovation, HUGTiP
Jose Luis Manzano, Consultant Medical Oncologist, ICO, B·ARGO, IGTP
Susana Muñoz Gómez, Head of the Sexually Transmitted Infections Unit, Fight Infections Foundation

16:30 — **Prizes and closure**

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