

# LESSONS LEARNED

**SHARING EXPERIENCES  
TO BOOST COMPETITIVENESS**

**7 OCTOBER, 2021**

Parc Científic de Barcelona and online



## FROM 3D PRINTING IN HEALTH TO BIOPRINTING. TOWARDS A NEW PARADIGM

**Thursday, 7 October de 2021**

**Place:**

Parc Científic de Barcelona and  
online at [cataloniabioht.org](http://cataloniabioht.org)

**Time:**

From 4:30 to 6:00 pm

**Per a:**

- Entrepreneurs
- CEOs, CTOs, CSOs, R&D managers and researchers of companies, hospitals and organisations of the healthcare and life sciences sector

**Language:** Catalan

**Registration fees:**

- **CataloniaBioHT members:**  
free
- Non-members: €50 (VAT not included)

Col·labora



Amb el suport



3D printing in the field of health is a well-established and well-known tool on a global scale. It called for the adaptation of the medical community, rethinking medical protocols, and has improved the efficiency and effectiveness of treatments. On the other hand, bioprinting still raises questions, how do we define it?

What are the differences between 3D printing and bioprinting? Is it reality or fiction? What would be the model of coexistence of the two technologies? How is the Catalan ecosystem structured around 3D printing technology?

The next Lessons Learned session, on 7 October, in person and online, will bring together four entrepreneurs, experts and researchers that are currently working with these technologies to share their expertise and experiences with the participants, also looking at the future and new possible scenarios.

**Registration:** [www.cataloniabioht.org](http://www.cataloniabioht.org)

**What are lessons learned?**

The Lessons Learned sessions, which kicked off in 2014 promoted by CataloniaBio & HealthTech, are a knowledge forum for professionals in the health and life sciences arena to share experiences and reflections with experts on various strategic areas to boost the competitiveness of companies. The Lessons Learned sessions are also a great opportunity for networking.

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## PROGRAMME

- 4:30 pm **Welcome**  
**Judit Anido** — General Director CataloniaBio & HealthTech
- 4:40 pm **Panel discussion “From 3D Printing in Health to Bioprinting. Towards a new paradigm”**  
Moderator: **Judit Anido** (@CataloniaBioHT)
- Innovation in 3D as a driver for growth. From 3D printing to bioprinting.**  
**Albert Giralt** — CEO of Avinent (@AvinentImplant)
- Incorporating 3D printing into hospitals**  
**Mario Garcia Causapié** — Infrastructures and Biomedical Engineering, Hospital Clínic de Barcelona (@mgcausapie, @hospitalclinic)
- 3D bioprinting for myocardial regeneration**  
**Antoni Bayés-Genís** — Head of the Cardiovascular Diseases research group (ICREC), Germans Trias i Pujol Research Institute (@GTRecerca)
- The production of living materials for the therapies of the future**  
**Joaquim Vives** – Development and Production of advanced Therapies, Cell Therapy service, Banc de Sang i Teixits (@donarsang)
- 5.30 pm **Question-and-answer session**
- 6:00 pm **Conclusions and networking**  
**Melqui Calzado** — General Secretary of CataloniaBio & HealthTech



Follow on Twitter with the hashtag **#Lessons3D**



**CataloniaBio  
& HealthTech**  
Connecting companies

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## MODERATOR



[cataloniabioht.org](http://cataloniabioht.org)



**Judit Anido** – General Director of CataloniaBio & HealthTech

PhD in biology from the University of Barcelona and MBA from Duke University (US) with certification in health sector management and specialization in innovation and entrepreneurship. Co-founder and CEO of Mosaic Biomedicals, a biotechnology company based in Barcelona dedicated to the development of new drugs for the treatment of cancer, which in 2016 became part of the Northern Biologics group (Canada), where she served as VP of Operations and Corporate affairs until 2020 when the assets of the companies were successfully acquired by two international pharmaceutical companies. She joined the board of CataloniaBio & HealthTech in 2018 being the first woman to chair the organization in 2020.

## SPEAKERS



[avinent.com](http://avinent.com)



**Albert Giralt** – CEO of AVINENT

He has a degree in Economics and in Business Administration and Management from the Autonomous University of Barcelona, and has carried out further studies related to the international economy. In 2003 he held the position of General Manager of Vilardell Purí, a company specializing in the manufacture of machined parts with high precision requirements. In 2006 he created and held the position of General Manager of AVINENT Implant System, a leading company in dental implantology, which has expanded its scope of action to customized solutions for various medical disciplines.

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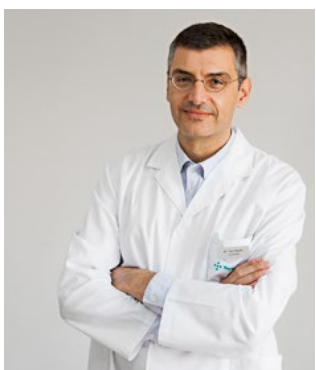


[clinicbarcelona.org](http://clinicbarcelona.org)

**CLÍNICA**  
BARCELONA  
Hospital Universitari

**Mario Garcia Causapié** — Departament d'infraestructures i Enginyeria Biomèdica, Hospital Clínic de Barcelona

Graduated in biomedical engineering from the University of Barcelona, he is a project manager in the Infrastructure and Biomedical Engineering department of the Hospital Clínic de Barcelona, where he has worked on the implementation of technologies such as 3D printing, robotics, intelligent materials for biodecontamination and new equipment design. Most recently, he has worked on the design of neonatal masks for non-invasive ventilation procedures and in 2017 received funding from the CaixaImpulse program to work on an artificial tissue bioprinting team for cancer diagnosis.



[germanstrias.org](http://germanstrias.org)

**Germans Trias i Pujol**  
Hospital

**IGTP**  
Institut de Recerca Germans Trias i Pujol

**Antoni Bayés-Genís** — Head of the Cardiovascular Diseases research group, Germans Trias i Pujol Research Institute

Head of the Cardiology Service at the Germans Trias i Pujol Hospital and director of the research group on Heart Failure and Regeneration at the same center. His research focuses on the clinical and translational aspects. In the second, the group studies the regenerative potential of various stem cell types and in tissue engineering-based therapeutic approaches to safeguard and restore injured myocardium after a heart attack. In 2019, the PeriCord project, a bioimplant formed by decellularized human pericardium and enriched with mesenchymal stem cells, entered clinical study phase..



[bancsang.net](http://bancsang.net)



**BANC DE SANG  
I TEIXITS**

**Joaquim Vives Armengol** – Development and Production of Advanced Therapies, Cell Therapy service, Banc de Sant i Teixits

PhD Biochemistry with a Master's degree in Biotechnology from the Autonomous University. Researcher in the Musculoskeletal Tissue Engineering Group (VHIR-BST). He has developed his professional career in R&D in both academia and industry, since 2008 he has been developing new advanced therapy drugs for his clinical use in regenerative medicine and tissue engineering using stem cells in the Banc de Sang i Teixits.