

**4Y
FN**

Powering Startups

3 - 6 March 2025

CATALONIA HEALTH INNOVATION ECOSYSTEM PAVILION

PROGRAM

HALL 8.0 - Stand 8.0C13

#4YFN25



CATALONIA HEALTH INNOVATION ECOSYSTEM PAVILION

HALL 8.0 - 8.0C13

10:00 Pitch startups Catalonia Health Innovation Ecosystem Pavilion

Heecap, Llamallitica, Point Pressure, Smart Lollipop, Sycal Medical, Tailor Surgery, Tensormedical, Wivi Vision

Organized by: Biocat

11:10 Navigating the Challenges Healthcare Digitalization in Europe

This chat will delve into the challenges and obstacles that countries face in the journey towards healthcare digitalization. The discussion will highlight the experiences and insights of key figures in the digital health space, exploring the complexities and potential solutions to these struggles.

Organized by: Biocat and Fundació TIC Salut Social (FTSS)

SKY
STAGE

11:45 CAIROS, General overview to the healthcare strategy for innovation and evaluation PASS, accelerating adoption within the Healthcare System

Overview of the mission-oriented reform programme (CAIROS) to improve the Catalan public Health System coping population, professional, organizational challenges and accelerating the adoption of innovation.

Organized by: Fundació TIC Salut Social (FTSS), Departament de Salut and Biocat

12:45 When Neurotechnology meets data protection: privacy's crossroad

Data protection laws regarding technological developments powered by personal data must be considered to protect citizens against the potential risks and harms of neurotechnology.

Organized by: Oficina Delegat de Protecció de Dades de Salut and APDCAT

13:30 From theory to facts: AI primary & secondary data management

How to implement and boost a proper data management focusing AI clinical solutions.

Organized by: Programa Salut/ IA

14:00 Best practice guidelines for the evaluation and deployment of AI solutions in healthcare

Diving into the latest tech guidelines to develop successful AI solutions to boost a proper data management for clinical use.

Organized by: Programa Salut/ IA

15:00 Digital health value based care round table

How the digitization of healthcare can generate real value for patients and the health system, optimizing the use of resources and improving clinical outcomes.

Organized by: Institut Català de la Salut (ICS), Hospital Germans Trias i Pujol, Hospital Universitari de Bellvitge, Hospital Universitari Vall d'Hebrón and Agència de Qualitat i Avaluació Sanitàries de Catalunya (AQUAS)

16:00 RITMOCORE & ADELE projects

Shifting the relationship model with healthcare providers, based on value and service contracting entails a shared risk between the hospital and the awarding company.

Organized by: Institut Català de la Salut (ICS), Hospital de la Santa Creu i Sant Pau and Hospital Universitari de Bellvitge

16:30 Integration of drones into de Catalan Healthcare System: logistics and clinical applications

The Catalan Healthcare System integrates drones for improved access and rapid response, with ongoing projects for sample and equipment transport and an emergency assistance drone in development.

Organized by: Fundació TIC Salut Social (FTSS), Fundació Hospital d'Olot i La Garrotxa, Institut Català de la Salut (ICS) and Centre de Telecomunicacions i Tecnologies de la Informació (CTTI)

MONDAY 3

CATALONIA HEALTH INNOVATION ECOSYSTEM PAVILION

HALL 8.0 - 8.0C13

10:00 Pitch BioRegion Companies

Organized by: Biocat

11:00 Press meeting

Media call to highlight submitted projects and proposals, including an opportunity for journalists to discover the 16 startups showcasing their innovations. Q&A session with journalists and media.

11:30 FOUNDERS ZONE Meet the hospitals

12:00 Local Practices of the Future

How to improve care services through a digital tools ecosystem.

Organized by: Institut Català de la Salut (ICS)

12:30 Digital care for diabetes

Diving into pre-commercial procurement processes, clinical adoption and benefits for citizenship.

Organized by: Institut Català de la Salut (ICS)

13:30 How can hospitals transfer their innovation results into the market?

How do hospitals scale up to markets their generated products through innovation processes?

Organized by: Consorci Social i Sanitari de Catalunya (CSC)

14:15 Implementing AI is a game changer. Separating hype from reality

An AI strategy use case to scale up know-how and best practices to the Catalan Health System.

Organized by: Hospital Clínic de Barcelona, Vall d'Hebrón Institut d'Oncologia, Fundació Privada Hospital de Granelers and Fundació TIC Salut Social (FTSS)

15:00 Digital Network for Pathology within SISCAT: Strategy and Key Points for Transformation

The Catalan Health Service is committed to support the digitalization of Pathology Departments across Catalonia's public healthcare hospitals with full implementation set to be by 2025. One of the first building block deployed it is the Pat-SIMDCAT platform.

Organized by: Fundació TIC Salut Social (FTSS), Servei Català de la Salut (CatSalut) and Institut Català de la Salut (ICS)

15:30 InERCia - Accelerating Innovation for Chronic Kidney Disease diagnosis

Supporting technological innovation within the Public Health System to develop digital solutions to improve diagnosis of chronic kidney disease.

Organized by: Boehringer Ingelheim

16:15 How to build trustworthy, ready-to-deploy AI tools in healthcare: The FUTURE-AI guideline

An international guideline to build trust and deployable AI in healthcare considering 6 core principles for trustworthy AI and ensure alignment with key ethical standards: Fairness, Universality, Traceability, Usability, Robustness, Explainability.

Organized by: ICREA / Universitat de Barcelona (UB)

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10:00

Pitch startups Catalonia Health Innovation Ecosystem Pavilion

Aimentia, Aurax, BrainFocus, DevsHealth, Doctomatic, IOMED, Loops Diagnostics, Miwendo Solutions

Organized by: Biocat

11:30

Social Innovation Services for a better care – SISCO

A social innovation strategy through various tech initiatives to enhance personal autonomy, efficiency, training, and the sustainability of the care sector.

Organized by: Fundació TICSalut Social (FTSS) and Departament de Drets Socials i Inclusió

12:00

wSOCIAL microviewers

General overview to the latest functionalities implemented for a Social and Health Shared Information Systems.

Organized by: Fundació TICSalut Social (FTSS), Departament de Drets Socials i Inclusió and Departament de Salut

12:30

xSocial, improving community care services

Efficiency, quality, evaluation and continuous innovation through the use of information systems and data in the management of social services.

Organized by: m4Social and Taula d'entitats del Tercer Sector Social de Catalunya

15:00

Know-how transfer pitch session: from evidence to spin-off

Pitch elevator focusing to digital health spin offs transfer. Scaling up from scientific evidence to markets.

Organized by: Institut Català de la Salut (ICS)

18:00

FOUNDERS ZONE
(Hall 8.0) - Agora Side

Networking Meetup

WEDNESDAY 5

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10:00 **Blue Button, deploying data portability across information Systems**

A real-time demo showcasing the blue button new functionalities in order to download shared patient summary data within different healthcare providers.

Organized by: Associació Catalana d'Entitats de Salut (ACES)

11:00 **The role of technology in the Healthcare transformation process in Catalonia:**

- **Europe-Asia connection: Performing transcontinental urological surgery**
- **Cognitest, a digital solution to measure cognitive performance**

How technology it is transforming clinical and care processes. A private healthcare provider point of view.

Organized by: La Unió - Associació d'Entitats Sanitàries i Socials (UCH), Fundació Puigvert and Institut Guttmann

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STARTUPS EXHIBITING

MONDAY 3 & TUESDAY 4



Heecap
Heecap.com

Company that is developing a medical device to improve respiratory capacity for patients on mechanical ventilation in intensive care units.

Business Type: B2B

Hardware

Industries: Healthcare



Llamalítica
llamalitica.com

Digital health firm that uses a generative artificial intelligence platform to improve management of medical data, simplifying administrative tasks and saving both doctors and patients time.

Business Type: SaaS B2B

Software

Industries: Healthcare



POINT PRESSURE

Point Pressure
pointpressure.com

Medtech company that is developing a portable device to improve lower limb movement for people with pathologies or injuries involving the central nervous system.

Business Type: B2B

Hardware

Industries: Healthcare



The Smart Lollipop
thesmartlollipop.com

Medical device that uses smart candy to diagnose diseases from a saliva sample. The lollipop collects the sample and cleans it for diagnostic testing or to follow up on pathologies.

Business Type: B2B/B2B2C

Hardware

Industries: Healthcare



Sycal Medical
sycalmedical.com

Innovative company that has developed software for early diagnosis of abdominal cancer, focusing mainly on pancreatic, liver and kidney cancer.

Business Type: B2B

Software

Industries: Healthcare



Tailor Surgery
tailorsurgery.com

Medtech company that designs and markets digital surgery solutions for orthopedics, including personalized surgical guides printed in 3D, as well as custom titanium prostheses and implants.

Business Type: B2B

Hardware

Industries: Healthcare



Tensor Medical
tensormedical.ai

Digital health firm that is developing radiology imaging biomarkers with artificial intelligence to diagnose and monitor neurodegenerative diseases.

Business Type: SaaS B2B

Software

Industries: Healthcare



WIVI Vision
wivivision.com

Digital health firm that has developed a solution that can assess and train each patient's visual skills, completely reworked to focus on visual wellbeing.

Business Type: B2B2C

Software

Industries: Healthcare



Generalitat de Catalunya



Ajuntament de Barcelona

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STARTUPS EXHIBITING



Aimentia *Digital health startup that specializes in using artificial intelligence for mental health. They aim to improve access to and quality of psychological and psychiatric treatments using technological solutions that give professionals more precise, personalized diagnostic tools.*

Business Type: B2B Software Industries: Healthcare



Aurax *Company that has created MOUTHX, an innovative, unique remote-control device that goes in the mouth and can be used to control a wide variety of devices handsfree over Bluetooth.*

Business Type: B2B Hardware Industries: Healthcare



BrainFocus *Digital health firm is developing software solutions to help neurologists better treat patients with drug resistant epilepsy (DRE), a condition that affects 15 million people worldwide.*

Business Type: B2B2C Software Industries: Healthcare



DevsHealth *Deeptech company helping improve drug development for infectious diseases in order to accelerate development of anti-infectives, making the process faster, cheaper and safer.*

Business Type: B2B Software Industries: Healthcare



Doctomatic *Digital health firm that uses artificial intelligence to transform photos from medical devices like pulse oximeters, blood pressure monitors and digital thermometers into useful data that healthcare professionals can view in a dashboard. If any of the values are outside the normal range, the system sends an alert so doctors can act quickly.*

Business Type: SaaS B2B Software Industries: Healthcare



IOMED *Digital company that facilitates access and secure transfer of health data between users and data subjects within the legal framework of the European Union. Their platform is based on artificial intelligence and provides data spaces for secure, compliant processing and secondary use of clinical data.*

Business Type: B2B Software Industries: Healthcare



Loop Diagnostics *Medical technology startup that is developing quick, precise diagnostic tools for bacterial blood infections, focusing mainly on early detection of sepsis.*

Business Type: B2B Hardware Industries: Healthcare



MiWendo Solutions *Medical technology company that is working to improve early detection of colorectal cancer, one of the main causes of death worldwide.*

Business Type: B2B Hardware Industries: Healthcare

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