



PRESS RELEASE

11 European medical technologies will take part in the CRAASH Barcelona acceleration program

- They have been chosen from 78 applications from 21 countries and will be guided to commercialize their technologies in 3-5 years
- Biocat promotes the program with CIMIT (Boston), the most experienced health accelerator in the world, and EIT Health, the leading European health consortium

Barcelona, May 5, 2020. A total of 11 international projects have been chosen to participate in the 3rd edition of CRAASH Barcelona, the acceleration program [Biocat](#) organizes in collaboration with [CIMIT](#) (Boston), the most experienced health accelerator in the world, and [EIT Health](#), the leading European health consortium. The 11 projects chosen to participate in [CRAASH Barcelona](#) this year, chosen from 78 applications from 21 countries, are:

- **AiiNTENSE:** ICUs face several challenges such as the complexity of pathologies with neurological complications, the traceability of medical decisions, a lack of interoperability and quality of health data that hampers the effectiveness of research projects. This project is developing a solution allowing access to patient health data in order to improve the quality of medical decisions and facilitate research projects.
- **Anais Medical:** Vascular Access (VA) procedures, required for haemodialysis, are complex and involve several disciplines and fragile patients. Training is crucial to minimize patient risks, but current training systems are considered to be unrealistic and inefficient so it is often done with direct practice. This project offers a complete toolkit for VA care with highly realistic simulators that allow practicing multiple VA techniques.
- **Angiotheragnostics:** This project presents a novel strategy to treat and avoid anti-angiogenic resistance. The asset is a new plasma biomarker of patient selection that identifies which patient will be a candidate to receive a drug that can block and prevent resistance, and thus this dual strategy will allow the delivery of more efficacious and safer therapies to patients.
- **Keycatch:** This project focuses on the development and validation of a new biosensor device platform for a broad range of applications. As a proof-of-principle, it plans to create and validate several devices for heavy metals detection and quantification, along with a detector of V cholerae, responsible for cholera disease. These devices would be optimal for rapid in situ and inexpensive detection without the need of lab facilities.
- **Mch20:** Liver pathologies are considered a worldwide epidemic (25% prevalence) and their managing presents a challenge, as routine methods are not enough to stratify patients. To overcome it, Mch20 will allow determining liver damage through a urine sample in a cost-effective and user-friendly way. The test will be performed at home, making liver tests more accessible and improving patient stratification.
- **Medwise.ai:** This project is building an AI platform that could retrieve knowledge from clinical guidelines and journal articles to answer questions asked by clinicians. This can improve search time from 15 minutes per query to within seconds and save up to an hour per clinician per day. Ultimately, the project aims to improve adoption of evidence based

medicine, reduce unwarranted variation in care and improve patient outcome. A Covid-19 specific version of the project has recently been launched for clinicians.

- **My gut solution:** The low FODMAP diet is the most effective dietary intervention for IBS. The microbiome is believed to be central to the severity of the symptoms. This project has a video-based dietetic programme that helps people manage their IBS. With phenotypic, microbiome data and machine learning, it wants to identify the algorithms for the best treatment options and deliver personalized interventions.
- **Myosleeve:** The first smart forearm medical device based on High-Density Electromyography that provides real-time guidance and monitoring of the patient during the rehabilitation of epicondylitis (tennis elbow), allowing to personalize the treatment for each patient.
- **NewClin:** Half the world lacks access to health services and it will worsen with the expected worldwide net shortage of 15 million health workers by 2030. NewClin develops a language- and AI-driven free mobile app to transform everyone's access to health services and to generate real-world evidence data for the development of new health products and services.
- **TMP-EIT Health:** EIT Health has chosen CRAASH Barcelona to validate an internal project. It is a service platform within the EIT Health ecosystem.
- **Virtual Hearts:** Pre-clinical trials are seldom conclusive; human trials are costly and take a very long time to complete and carry substantial business and patient risks. Using virtual patients' populations, this supercomputer-based in-silico trials platform enables cardiac device manufacturers to safely test high-risk implantable devices before starting human trials.

From lab to market in 3-5 years

[CRAASH Barcelona](#) will train these selected projects to market their technology within the next 3 to 5 years. The fellows will be guided by **expert mentors from CIMIT (Boston)**, the most experienced health accelerator in the world and 8 European experts in the healthcare sector.

[CRAASH Barcelona](#) is an intensive 12-week program divided into three phases. The first phase will allow teams to validate whether their technology can cover a real need and find a place on the market. Teams will work with experts from CIMIT in Boston, first through virtual meetings and later in person at an event in Barcelona.

The second and third phases of [CRAASH Barcelona](#) will allow teams [validate their project in some of the best health ecosystems](#) in USA (Boston) and Europe (Galway and other important European cities).

[CRAASH Barcelona](#) has partnerships with [Institut Català de la Salut](#), [NUI Galway](#) and [Medicen \(Paris\)](#), and [BCN Tech City](#) and [Movistar Centre](#) as event partners.

About Biocat

Biocat is the organization that champions the healthcare and life sciences ecosystem in Catalonia working to transform science and technology into regional economic growth as well as social impact. Since 2008, Biocat has invested 13M+ euros in 450+ programs and activities, that have attracted near 24,000 participants, 2,600+ students and 1,500+ firms and organizations. In terms of business, 165+ projects have been accelerated and 300+ direct new jobs have been created.

In 2013, in order to increase the impact of these strategic activities, Biocat launched [Moebio](#), its initiative for acceleration and innovation. Moebio is ranked as one of the top accelerators in Europe according to rankings by [Digitalhealth.careers](#), [Mobile World Capital](#) or [Tech EU](#).

CRAASH Barcelona is one of the flagship programs of [Moebio](#), along with Design Health Barcelona (d.HEALTH Barcelona).

MORE INFORMATION AND INTERVIEWS:

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