



EIT Health Spain

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Greetings from the EIT Health Spain Managing Director

Dear Partners of EIT Health,

it is a real pleasure for me to share with you this document that summarizes in a few pages the competences and strengths of EIT Health Spanish Partners. EIT Health Spain has nineteen partners from five regions (Catalonia, Madrid, Valencia, Andalusia and Basque Country) involving strong agents in the three pillars of the knowledge triangle: Innovation, Education and Business Creation.

Our vision is to be a reference alliance in health, enhancing the prevention and promotion of active aging and improvement of the chronic patients ensuring and fostering collaboration both at national and international levels.

As Spanish Co-Location Center (CLC) of EIT Health, we are fully committed to provide innovative solutions on healthcare to European citizens and patient also through a diverse and specialized catalogue of training programs, and last but not least to ensure entrepreneurship and technology transfer within the healthcare sector.

Our CLC headquarter is located at Barcelona Science Park, a vibrant cluster of Research, Innovation and Business Creation and my management team and I are really glad to introduce our Partnership to you and to answer to any question or further information you need.

Welcome to EIT Health Spain!

Marco Pugliese
EIT Health Spain Managing Director



Greetings from the President of the Association

Dear partners,

It is a pleasure to present the second brochure of EIT Health Spain, which offers an updated overview of our expertise. During the last two years, we have consolidated our position, becoming one of the most active co-locations centers within EIT Health network.

On behalf of Abbott, we are honored to chair the Association Board and be the representative for such a fantastic group of professionals and people. I would like to thank you all for your involvement and willingness to make our association a strong and influential co-location center in EIT Health.



Chus Martín
ABBOTT



EIT Health Spain

EIT Health Spain is formed by five regions (Catalonia, Madrid, Valencia, Basque Country and Andalusia) involving strong partners in the three areas of the knowledge triangle: Research, Education and Business Creation. The Spanish CLC was formally established on July 31st, 2015 and it is located at the Barcelona Science Park.

EIT Health Spain team



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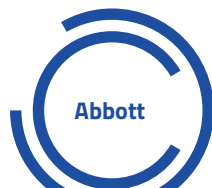
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EIT Health Spain Governing Board

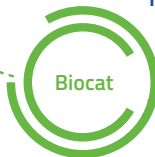
President



Secretary



Members



Supervisory Board EIT Health e.V.

Spanish Representatives



EIT Health Spain Partners

CORE PARTNERS



Barcelona Institute of
Science and Technology



CAMPUS
DE EXCELENCIA
INTERNACIONAL

ASSOCIATE PARTNERS



Servicio Andaluz de Salud
CONSEJERÍA DE SALUD





EIT Health Spain Core Partners

Abbott

Abbott creates breakthrough products -in diagnostics, medical devices, nutrition and branded generic pharmaceuticals -that help people lead healthier lives with full unlimited possibilities. Today, we are 99,000 people working in more than 150 countries to generate a long-lasting impact on health. Abbott develops science-based nutrition products for people of all ages. We partner with healthcare professionals worldwide to offer the most trusted names in nutrition products for every stage of life.

Areas of specialization: Abbott Nutrition R&D in Spain: adult nutrition, infant nutrition, therapeutic nutrition, mobility, metabolic health, early programming.



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Atos

Atos is a leader in digital services with almost 100,000 employees in 72 countries with a focus on business technology that powers progress and helps organizations create their firm of the future. We rely on our vast experience in health standards (HL7, CEN/ISO EN13606, openEHR archetypes) and privacy & security in digital health; and the creation of Big data for: (1) Omics Technologies and data analysis; (2) services within the healthcare domain; as well as the design and development of decision support systems.

Areas of specialization: Big data, EHR interoperability, HIS business development.

The Atos logo, consisting of the word 'Atos' in a bold, blue, sans-serif font.

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Barcelona Institute of Science and Technology (BIST)

The Barcelona Institute of Science and Technology is a scientific foundation of seven of Catalonia's research centres of excellence. Its main objective is to build new scientific collaborations among these centres, thus giving impulse to multidisciplinary projects to push ever further the frontiers of knowledge.

Its scientific community is made up of members of the participating research centres: Centre for Genomic Regulation (CRG), Institute for Bioengineering of Catalonia (IBEC), The Institute of Photonic Sciences (ICFO), Institute of Chemical Research of Catalonia (ICIQ), Catalan Institute of Nanoscience and Nanotechnology (ICN2), Institute for High Energy Physics (IFAE) and Institute for Research in Biomedicine (IRB Barcelona).

Areas of specialization: Biomedicine research, bioengineering in health, bio-nano research, genomics, bioengineering, photonics, chemistry, nanoscience & nanotechnology, physics and biomedicine.



**Barcelona Institute of
Science and Technology**

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IESE Business School

IESE Business School is dedicated to the training of professional managers, including those with a particular focus on innovation management in the Health sector, with international educational programmes. The IESE Center for Research in Healthcare Innovation Management (CRHIM), created in 2012, is built on over 30 years of experience in the sector, leading public and private R&I projects and becoming a reference center for health innovation management.

Areas of specialization: Health management, health economics, business development, executive education, capacity-building activities.



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Instituto de Biomecánica (IBV)

Instituto de Biomecánica is a Research and Technological Organization (RTO) that studies the behavior of the human body with the aim to improve the competitiveness of companies and industrial sectors by addressing people's quality of life.

IBV combines different scientific and technological knowledge with knowledge of people: Anthropometry; Human functions; Human factors; Human Needs and Preferences; Biomechanics of human body systems.

Areas of specialization: Automotive and mass transport sector; Sports; Habitat; Clothing; Children and childcare; Older people and ageing; Rehabilitation and personal autonomy; Occupational health and safety; Healthcare technology; Tourism and leisure.



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“la Caixa” Banking Foundation

FBLC supports innovation programmes to bring ground-breaking ideas in Health and Life Sciences from the lab to the market under the Responsible Research and Innovation (RRI) principles. FBLC also supports Scientific Research in fields such as Oncology, Neurosciences and Infectious and Cardiovascular diseases through open calls (Caixaimpulse and Health Research Call for Proposals) and the collaboration with universities and research institutes in Portugal and Spain.

FBLC also offers a doctoral and a postdoctoral fellowship programme (INPHINIT - mSCA Co-Fund and Junior Leader) devoted to bring international researchers to the top Spanish research centers in the areas of Science, Technology, Engineering, Mathematics, Bio and Health Sciences.

Areas of specialization: Banking foundation, Social outreach.



“la Caixa” Foundation

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LEITAT

LEITAT is a Spanish Technological Center specialized in production technologies, developing R&D activities in the areas of biomedicine, biotechnologies, environment, surface treatments, material science, engineering, nanotechnology and renewable energies with deep knowledge and experience in tech-transfer to several industrial sectors.

Areas of specialization: Oncology, nanotechnology, medtech, preclinical models, toxicology, microbioma, Additive Manufacturing, Healthcare Living Lab.

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SERMAS

Servicio Madrileño de Salud (SERMAS) is the public health provider of the region of Madrid with a budget of 7.867 M € for 2018. SERMAS belongs to the Spanish National Health System and provides services to more than six million citizens, it is integrated by more than 35 hospitals and approximately 400 primary care centres.

SERMAS is an international reference for high-specialized medicine; it is equipped with state-of-the art stage technologies and characterized by high-qualified health professionals distributed in three domains: Primary Care, Hospitals and health emergencies. SERMAS has a public primary care systems in coordination with social services in order to provide integrated care and achieve real impact on patients. In order to improve health research management and coordination, SERMAS works with more than 14 Research Foundations.

Areas of specialization: Active ageing, frailty, big data, primary care, precision medicine.



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University of Barcelona

The main research areas related to the EIT Health at University of Barcelona are life and medical sciences, the experimental sciences (physics, mathematics, geology and chemistry), economics, business, law, humanities and educational and behavioral sciences.

The University of Barcelona has a strong focus on Medical and Health Sciences (3,244 articles were written on this topic in the last 6 years, half of them in the first quartile, and 48 patents in the same period). UB has also a diverse network of university hospitals such as Hospital Clínic, Bellvitge Hospital and Sant Joan de Déu, and over 10 associated hospitals in the area of Barcelona. Additionally, there are several associated Research Institutes such as IDIBAPS, IDIBELL, ISGlobal, among others.

Areas of specialization: Nutrition, cancer, genetics, medicine (all specialties), nursing, pharmacy, physics, biology, chemistry, mathematics, prevention, drug discovery, bioengineering, law, economics and business. development.



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Universidad Politécnica de Madrid

UPM health activities cover a wide variety of topics, being the Biotech initiative its flagship: a stable interdisciplinary environment grouping UPM research groups with high expertise and qualified infrastructure to address major challenges in Biomedicine and Health. With special focus in ICT for health, UPM has capabilities and R&D results in all EIT Health areas in order to transfer advanced ICT and Health solutions and technologies to the Industry partners, to validate those solutions in our Living Labs, to promote the start-up of new ventures issued by UPM community and regional Health ecosystem, and to offer high quality and experienced educational programmes.

Areas of specialization: Big Data, Data Analytics, Internet of Things, Artificial Intelligence, mHealth, chronic-major and neuro-diseases, active and health ageing (frailty), personalized medicine, Living Labs, I&E.



CAMPUS
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EIT Health Spain Associate Partners

AQuAS

The Agency for Health Quality and Assessment of Catalonia is a public legal entity subject to private law, under the auspices of the Government of Catalonia's Health Services Department which serves public policy. The mission of AQuAS is to promote knowledge and know-how aimed at improving the quality, safety and sustainability of the Catalan healthcare system.

Areas of specialization: Health data analytics/Health technology Assessment/Innovation in healthcare.



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. Biocat focuses its strategy on different key points:

- Raising awareness and promoting the ecosystem, creating tools and strategies for improving the knowledge of the Catalan healthcare sector.
- Providing innovative training and developing talent, by designing and executing programs and initiatives to improve talent and entrepreneurship.
- Accelerating technology transfer and business growth by supporting and carrying out activities for increasing the value of the sector.

Areas of specialization: Entrepreneurship, training and talent, internationalization, scientific debate, strategic projects.



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Ferrer

Ferrer is a pharmaceutical company whose innovation is based on establishing high value collaborative research partnerships with private companies, hospitals and academic institutions. We look to partner with cardiovascular, CNS and pain experts and in the technological and educational sectors in order to provide patients with comprehensive solutions beyond the pill.

Areas of specialization: treating and managing diseases, improving healthcare systems, drug development and commercialization, cardiometabolism, central nervous system, pain, drug therapy and diagnostics.



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GENESIS Biomed

GENESIS Biomed is a consultancy firm in the biomedical healthcare sector specialized in providing consulting services to spin-off and start-up companies, entrepreneurs and research centers. Based in our expertise we help entrepreneurs and researchers to shape their business plan and we support them in the private fundraising process. We have raised more than 40 M€ in the last 4 years. Our expertise domains are biopharmaceutical, biotechnological, medical devices, in vitro diagnostic, nutraceutical and cosmetic.

Areas of specialization: Business creation, Private fundraising, Interim CEO, Regulatory roadmap, Strategic planning, Business development, Technology transfer.



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GMV

GMV as a leading and innovative ICT Company, has developed a complete portfolio of healthcare software products, solutions and services, that range from chronic diseases monitoring and assessment platform with a complete definition of therapies and treatment plans to tele-rehabilitation solutions; from Health BIG Data expertise for research, analysis and decision making support, to real-time telemedicine platforms and cutting-edge virtual -reality simulation techniques. GMV's groundbreaking products give healthcare professionals and managers a whole new set of techniques and resources to work with, helping them improve society's quality of life.

Areas of specialization: Multi-morbidities monitoring and assurance platform, big data, clinical and epidemiological data analysis platform.



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Sant Joan de Déu Health Park (PSSJD)

Parc Sanitari Sant Joan de Déu includes a General Hospital and a Large Network of Mental Health Services. It focuses on bringing together basic research scientists and research clinicians mainly in the areas of public health, mental disorders, ageing and disability.

Areas of specialization: Impact, risk and prevention of mental health diseases, psychotic disorders, health technology assessment, mental health, geriatric, neurology, traumatology, respiratory diseases, cardiology.



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Servicio Andaluz de Salud (SAS)

Servicio Andaluz de Salud (SAS) is a public entity responsible for health care provision in Andalusia attached to the Regional Ministry of Health, which holds the Andalusian Public Healthcare System leadership. It is a public network providing high-quality, patient-centered healthcare services ensuring accessibility, users' satisfaction and efficiency. It now has more than 1500 primary care centers, 33 PHC Districts, 49 hospitals (8 Regional, 8 Provincial, 18 Rural and 15 High Resolution ones), 8 coordination centers for health emergencies, 1 School of Public Health, 95600 employees and a budget for 2017 of 9.3 Billion €.

Areas of specialization: Medical faculties, Healthcare professional education/ training, technology transfer, testing & validation.



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TECNALIA

TECNALIA is the leading private and independent research and technology organization in Spain and one of the largest in Europe, employing 1,445 people (249 PhDs) and with income of 104 Million € in 2017. Its mission is to transform technology into GDP through the generation of business opportunities for industry. The health division of TECNALIA creates solutions which significantly improve the quality of life through the research and innovation in the fields of neuroengineering, food and health, biomaterials and medical robotics.

Areas of specialization: Biomedical engineering, Life Sciences, social sciences, health economics, entrepreneurship training, incubation, finance & investment, technology transfer, Business coaching, testing & validation.



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Quirónprevención

Quirónprevención is an occupational safety and health consultancy with more than 179.000 client companies and more than 1.816.000 medical check-ups per year. Besides we have to highlight the collaboration with a number of companies in R&D projects. A wide network of centres facilitates the day-to-day health and safety management in Spain and abroad. Due to an international vocation, Quironprevención has subsidiaries in 8 countries (Mexico, Panama, Colombia, Ecuador, Peru, Argentina, Chile and Egypt) and consulting services in 25 others.

Areas of specialization: Occupational health and safety, occupational medicine, industrial safety, environmental safety, industrial hygiene, special ergonomic studies and applies psychosociology.



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