

XarTec Salut

Building bridges for HealthTech innovation

A network led by **CREB UPC**

to catalyse tech transfer

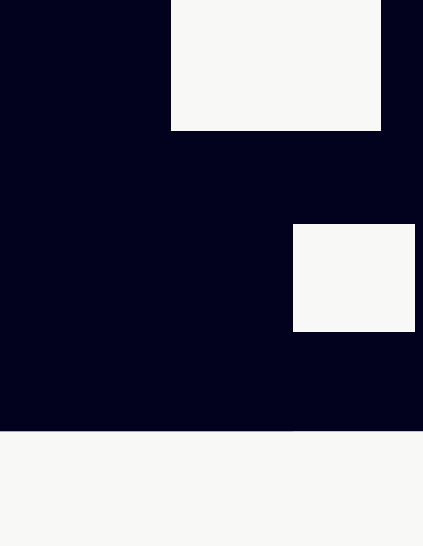
in the Health Tech Sector



UNIVERSITAT POLITÈCNICA DE CATALUNYA
BARCELONATECH

Biomedical Engineering Research Centre



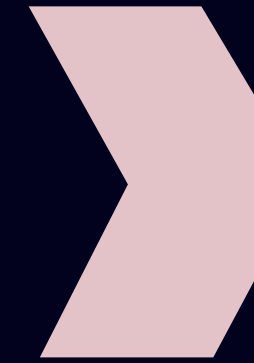


“Regardless of their relevance or genius, 95% of all HealthTech inventions never reach the market, while bringing them to the patient could significantly improve many lives around the world”.

Bert-Arjan Millenaar

The European HealthTech Venture Builder.

Building bridges to translate research
into social & economic impact



Developing **efficient tools** for
Technology transfer



Creating successful **Startups**
& Job Opportunities



XarTec Salut. The Project

Title: Xarxa de Tecnologies de la Salut: Xartec Salut

Project Code: 2018 XARDI 00016 / IU68-013944

Start Date: 15/08/2020

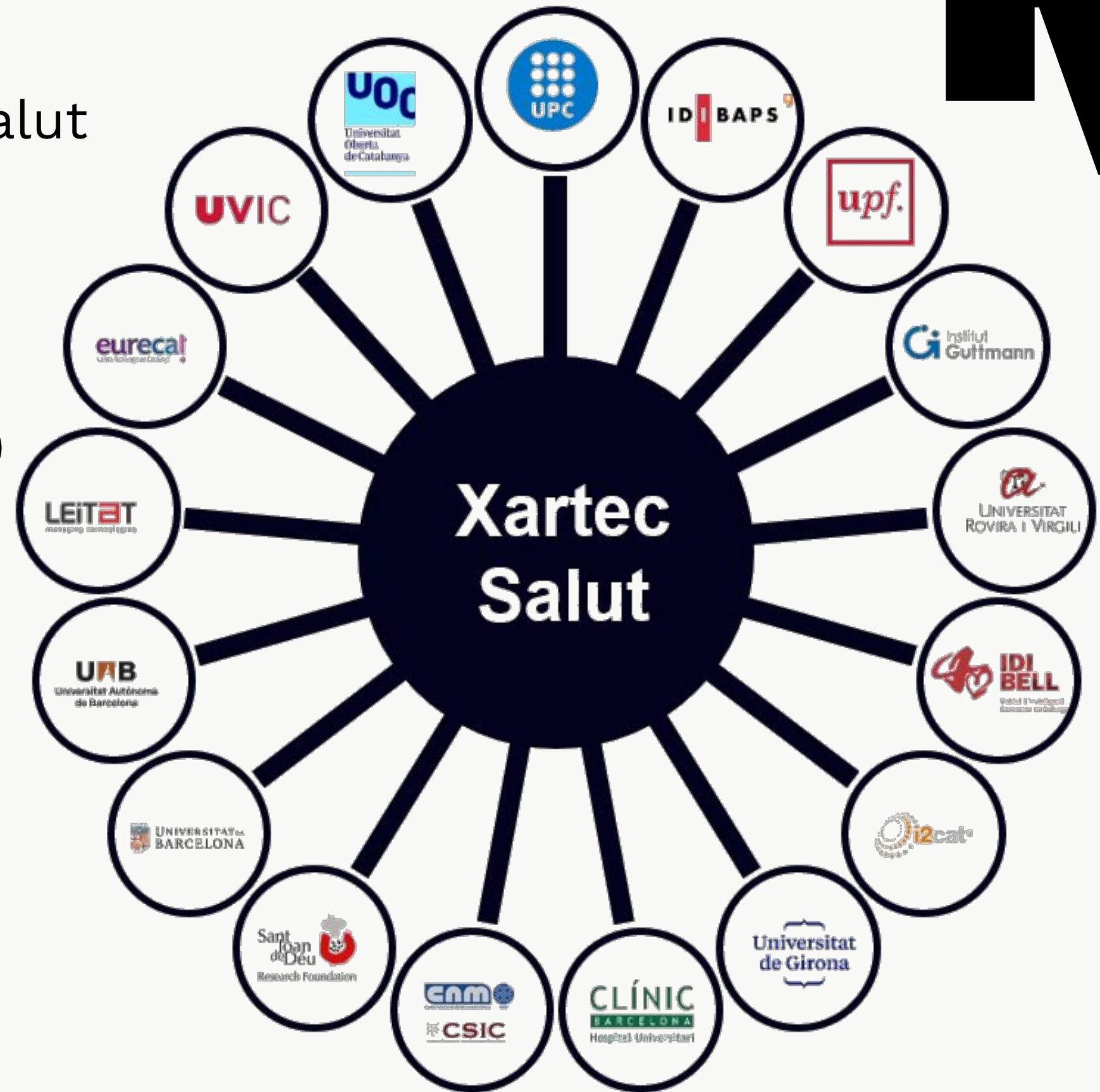
End Date: 31/12/2022

Budget: 1.338.250,00 €

Participants: 17 institutions (47 research groups)

Coordinator: Alexandre Perera

Financed by: FEDER and AGAUR



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Biomedical Engineering Research Centre



Unió Europea
Fons Europeu
de Desenvolupament Regional



Participants



1. Bioinformatics and Biomedical Signals Lab (B2SLab) (Alexandre Perera)
2. BIOART (BIOsignal Analysis for Rehabilitation and Therapy) (Miguel Angel Mañanas)
3. Grup d'Informàtica a l'Enginyeria (Nuria Pla)
4. ANCORA-Anàlisi i Control del Ritme Cardíac (Raúl Benítez)
5. Biomechanical Engineering Lab (BIOMEC) (Josep Maria Font)
6. Instrumentació Electrònica i Biomèdica (Javier Rosell)
7. Biomaterials, Biomecànica i Enginyeria de Teixits (BBT) (Maria Pau Ginebra)
8. Dosimetria i Radiofísica Mèdica (Maria Amor Duch)
9. Robòtica Intel·ligent i Sistemes (Alícia Casals)



10. GREO (Meritxell Vilaseca)
11. Innovation in Materials and Molecular Engineering - Biomaterials for Regenerative Therapies (IMEM-BRT) (Carlos Alemán)
12. CETPD-ISSET (Andreu Català)
13. ViRVIG: Visualització, Realitat Virtual i Interacció Gràfica (Àlvar Vinacua)
14. GPI Grup de Processament d'Imatge i Video (Josep Ramon Casas)
15. VEU: Grup de Tractament de la Parla (Javier Hernando)
16. Mathematical and Computational Modelin (LaCàN) (Marino Arroyo)
17. Intelligent Data Science and Artificial Intelligence (Karina Gibert)



18. IncaSyM – Integrated Care & Systems Medicine (Josep Roca)



19. BCN Med Tech (Miguel Ángel González)



20. Grup de Recerca Institut Universitari de Neurorehabilitació Guttmann (Eloy Opisso)



21. Laboratori Interdisciplinari de Metabolòmic (MiL@b) (Xavier Correig)



22. Recerca en serveis sanitaris en càncer (Psicooncologia Online) (Cristian Ochoa)



23. Networks and applications (Eduard Grasa)



24. SITES: Smart IT Engineering and Services (Josep Vehí)
25. GILAB- Graphics & Imaging Laboratory (Imma Boada)



26. Grup de Recerca en Neuroanestèsia, en el Pacient (Ricard Valero)



27. Grup d'Aplicacions Biomèdiques (GAB) del IMB (Rosa Villa)



28. Grup de Recerca en Impacte i factors de risc dels trastorns mentals (Josep Maria Haro)
29. Grup de Recerca de Malalties infeccioses pediàtriques (Carmen Muñoz)
30. Etiopatogènia i tractament dels trastorns mentals greus (MERITT) (Judith Usall)
31. Grup de Recerca en Serveis Sanitaris i Resultats en Salut Mental (PRISMA) (Antoni Serrano)



32. Research Group and Innovation in Designs (GRID) (M. Teresa Anguera)



33. Grup d'Aplicacions Biomèdiques de la RMN (Carles Arús)
34. Centre de Prototips i Solucions HW/SW (CEPHIS) (Jordi Carrabina)
35. Grup de Biomonitorització – GBIO (Jordi Aguiló)



36. Health and Biomedicine (Francesc Mitjans)



37. Functional Printing & Embedded devices (Paul Lacharmoise)
38. Teixits Funcionals (Virginia Garcia)
39. eHealth R&D group (Felip Miralles)



40. Data and Signal Processing group, DSP (Jordi Solé)

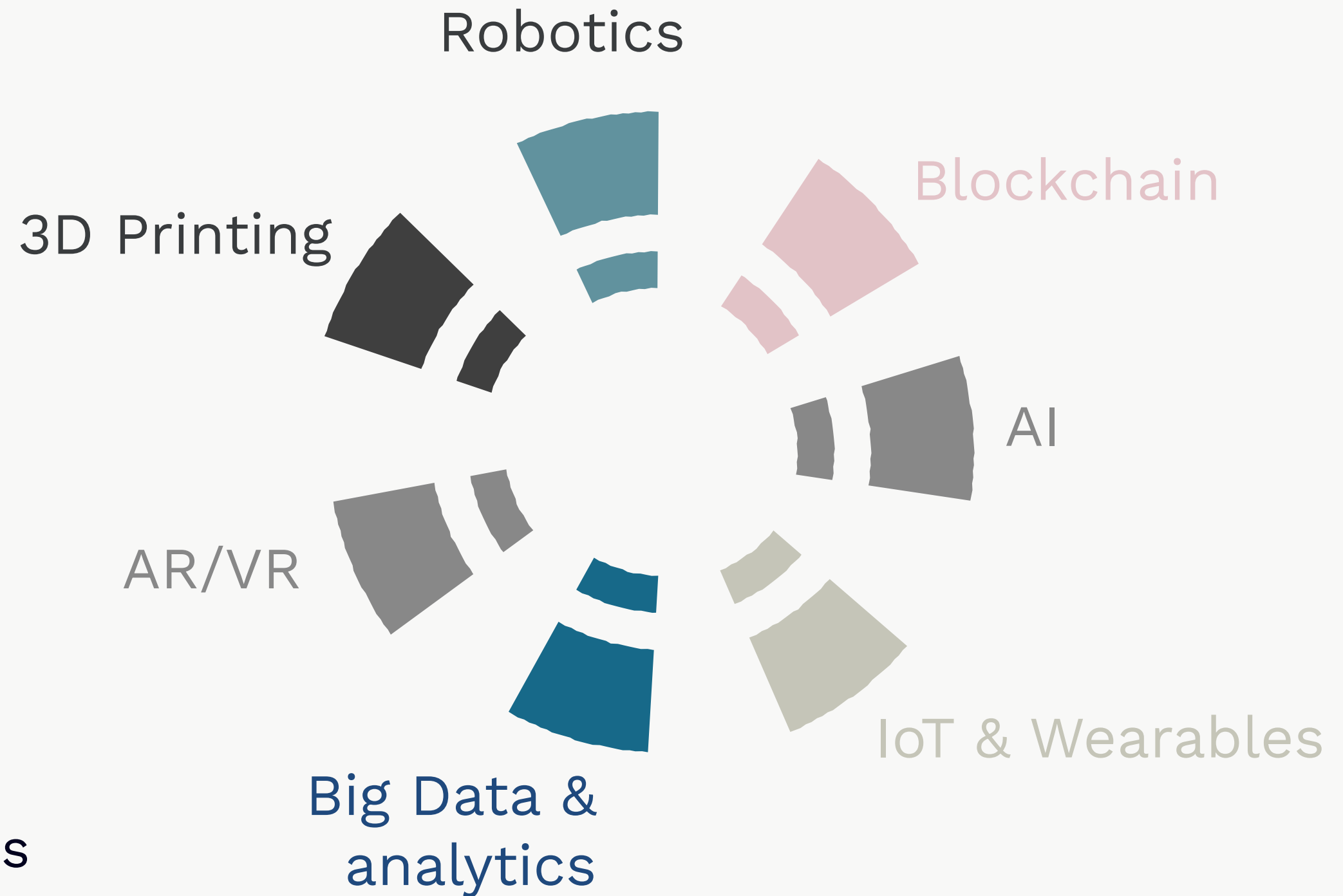


41. eHealth Lab (Carme Carrión)
42. KISON (David Megías)
43. PSiNET (Eulàlia Hernández)
44. SMARTLEARN (Santi Caballé)
45. FoodLab (Francesc Xavier)
46. Systems, Software and Models (SOM Research Lab) (Jordi Cabot)
47. SUNAI (David Masip)

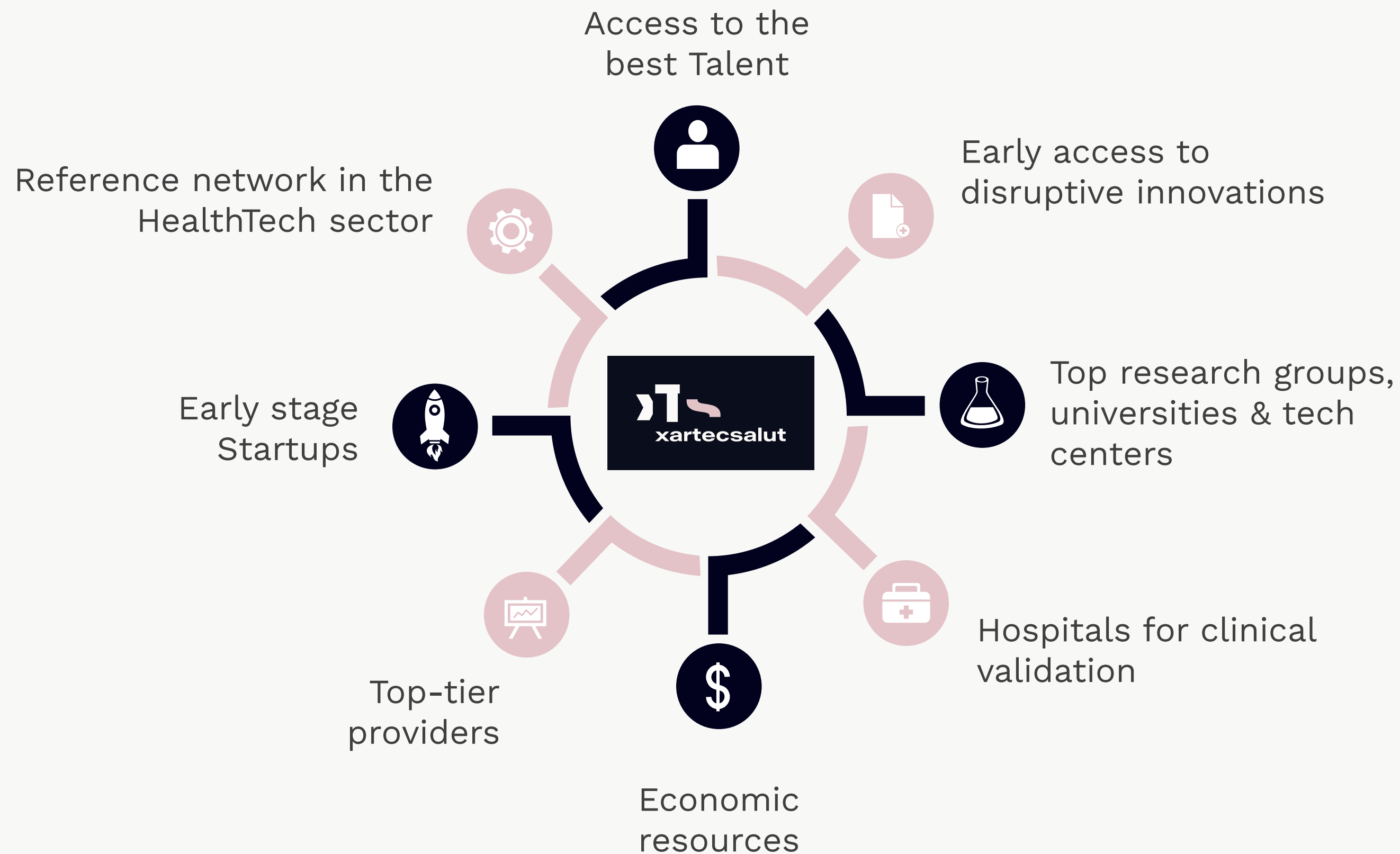
Areas

- Health & wellness
- Urgent care
- R&D.
- Health services
- Education & training
- Clinical decision support
- Clinical trials
- Health monetization
- Diagnostics
- Disease management & therapeutics

Technologies



Our Value proposition



Supporting innovation in Healthtech

Xartec Salut Calls & Programmes

- 1) Intellectual Property Call (Open Call)
- 2) Venture Builder Call (April 2021)
- 3) Valorization Call -Strategic Studies (July 2021)
- 4) Training (Sept 2021)
- 5) Open Innovation Platform & Challenges (Q4 2021)
- 6) Training program (Q4 2021)
- 7) Technological Observatory (Q4 2021)

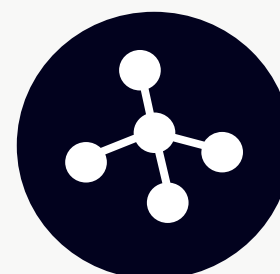
TECH TRANSFER



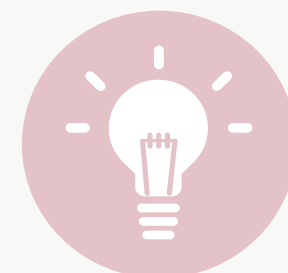
VALORIZATION



CO-CREATION



IDEAS



TALENT



- **Business Development**
Licensing support
- Collaboration with stakeholders
- Dissemination

Strategic valorization support:

- IP
- Regulatory
- Commercialization
- Development roadmap
- Market analysis
- Expert advice

Spin-off
Venture Builder Program

Open innovation
Industry and hospital needs

Fostering **synergies**
to generate new solutions

Consortium facilitation

Hackatons & Idea Validation for
Researchers
TTOs & PhDs

Talent development
for PhD students

Training

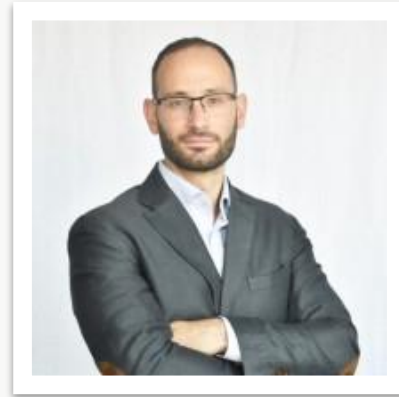
Technological Observatory & ecosystem in HealthTech

Meet the Team



Manel González-Piñero,
Promoter and Project Manager

BSc in Business Administration, BSc in English Philology, MSc in Management, MBA, PhD in Economics
Specialities:
-Innovation management and strategy
-Cross-fertilization of knowledge and technologies
-Corporate cultural change
-Entrepreneurship



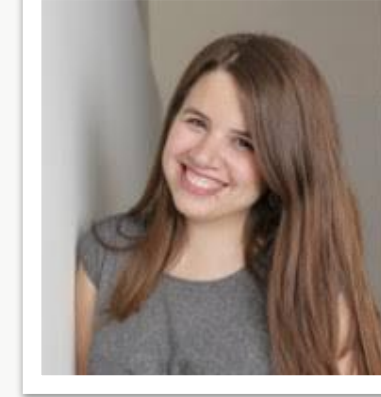
Sergio San Agustín,
Manager

Chemical Engineer, BSc in Business, MBA
Specialities:
-Open innovation
-Incubation and tech transfer
-Entrepreneurship
-Early stage Venture Capital



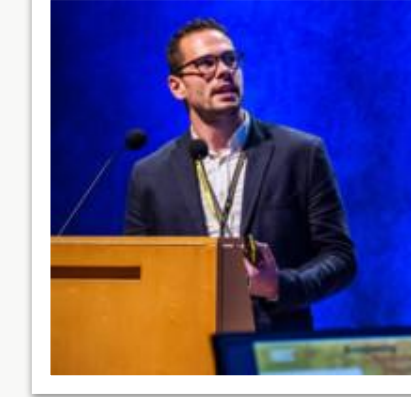
Berta Borràs,
Promotion and Management

BSc in Biotechnology, BSc in Biochemistry, MSc in Industry
Specialities:
- Tech transfer and incubation
- Project Management
- Business Plan
- Fundraising



Anna Turón,
Communication and Dissemination

BSc in Journalism.
Specialities:
-Marketing and Comms strategies
-Community building
-Brand Awareness
-Storytelling



Sergio González
Valorization and internationalization

Bsc in Electronics Engineering, Msc in Biomedical Engineering.
Specialities:
-Innovation management
-Internacionalization
-Network & alliances



Alexandre Perera
Director and Coordinator

BSc in Physics, BSc in Electrical Engineering, PhD in Physics. CREB and B2SLab Director
Specialities:
-Bioinformatics and Bioengineering
-Applied signal processing
-Machine learning
-Statistical pattern recognition

Let's bring Health Technologies to the market

The network is looking for:

- ✓ Collaboration
- ✓ New partners
- ✓ PoC funding
- ✓ Research groups willing to be part of the network

Do you want to join us?

xartec.salut.creb@upc.edu

Thank you!
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