

# KET\*

Focus on (\*) Key Enabling Technologies - nanotechnologies, advanced materials, advanced manufacturing and processing

# 360

# INNOVATE TOGETHER

27th June 2019 - Strasbourg - FRANCE

**Project idea/ Field of expertise:**

Biomaterials, Coatings, Multifunctional structures

**Organisation Name:**

SPARTHA MEDICAL



*The invisible defense for your implants!*

**Adressed challenge(s)/ PPP(s):**

Nanotechnologies and Advanced Materials

Biotechnologies

Advanced manufacturing and processing

**Adressed topic(s) in Work Programme:**

DT-NMBP-04-2020: Open Innovation Test Beds for bio-based nano-materials and solutions (IA)

NMBP-21-2020: Custom-made biological scaffolds for specific tissue regeneration and repair (RIA)

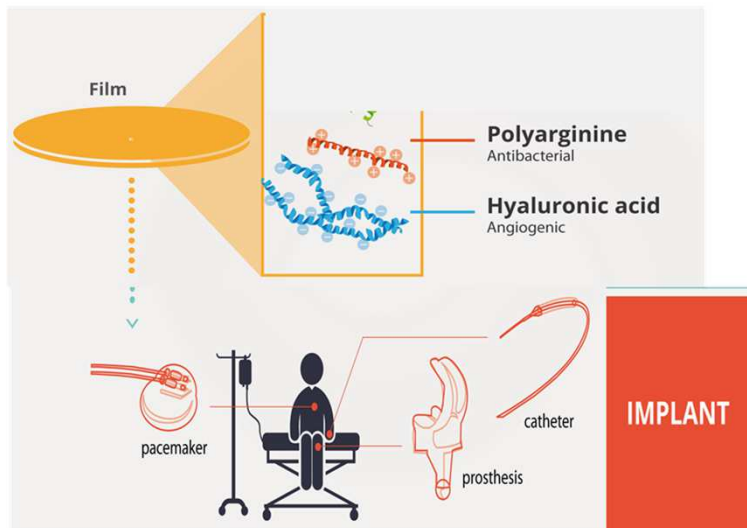
DT-NMBP-23-2020: Next generation organ-on-chip (RIA)

# SPARTHA MEDICAL



- French Start-up spun off from an EU project (in the process of creation)
- **Expertise:** Biomaterials, Medical devices, surface coatings
- **Previous Experience:** 2 FP7 (IMMODGEL, NanoTi), 1 H2020 (PANBioRA)- 2 as scientific coordinator

**Core technology:** Patented micro-scale coatings that can prevent infection and decrease inflammation simultaneously, without affecting the main function of medical devices.



27/06/2019 - BE KETs-360



Maturation by



Incubated in



Start-up Grant by



# Our project idea / expertise

- Technical partner for biomaterial based system design/ development, coating (nano, micro), expertise in tissue engineering, regenerative medicine, hydrogels and cell encapsulation

Keywords: Immunomodulation, polyelectrolytes, polymers, supramolecular systems, hydrogels, on chip systems, tissue engineering, scaffolds, biomaterial characterisation

- Experience technical coordinator for multidisciplinary projects
- Formation of consortia where the need of expertise is diverse as a service

Previous/Current project Involvement:



International Project Support  
Horizon 2020 PANBioRA  
InterReg NanoTransMed



# Contact details

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