



Company Name: Bac³Gel Lda

Year of Incorporation: 2020

Sector: Pharma and Biotech

Activity (max 1000 characters): Bac³Gel provides Pharma and Biotech with preclinical *in vitro* models of human mucus from different body district that enable high throughput analysis and optimization of the development process of antimicrobials, probiotics, prebiotics and other dietary supplements. Bac³Gel technological platform enables the production of universal 3D substrates for culturing, transporting, storing and administering bacteria to recreate the human microbiota.

Products/Services (max 200 characters): Distribution of *in vitro* preclinical models and consultancy services for Pharma and Biotech developing antimicrobial agents, pre- and probiotics and other food supplements. The preclinical *in vitro* models are distributed in different formats either in syringes or in multiwell culture plates, such as cell monolayers, Transwell® supports, PAMPA plates or microfluidic devices.

Applications (max 200 characters): Development of antimicrobial agents, molecules to modulate the human microbiome and food supplements. Bac³Gel preclinical *in vitro* models can also be exploited to study the association between the human microbiota and pathology.

Market(s) of reference (max 200 characters): Pharma and Biotech

University(ies) of origin:

Department of Chemistry, Materials and Chemical Engineering "Giulio Natta" - Politecnico di Milano

Department of Molecular Biotechnology and Health Sciences - University of Turin

Department of Molecular Medicine - University of Pavia

Contacts

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