

## Biobone Symposium

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### Mr. Yassine Maazouz

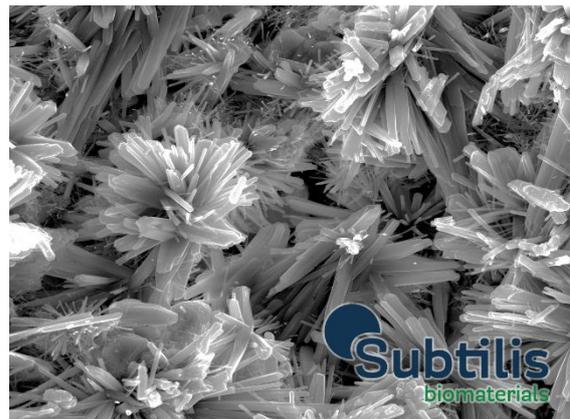
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## Subtilis Biomaterials: the creation process of a spin-off company based on a biomaterial technology

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**Abstract:** The process of technology transfer in southern Europe is often considered as inefficient because of a lack of resources allocated to technology transfer offices and a lack of incentives for researchers to protect intellectual property. In this context the model of spin-off companies is attractive for both Universities and researcher when a series of conditions are met. The creation process involves the transfer of the technology to the newly created company. This presentation will take Subtilis Biomaterials as an example in order to describe the different challenges faced by a spin-off company: those relative to general aspects of the creation of a spin-off and those that are specific to the biomaterial area. Regarding the general aspects, intellectual property protection, technology transfer agreements, company incorporation, team building, business model and investment will be discussed in order draw the attention on the business complexity associated to a spin-off company. Regarding the specific challenges of the biomaterials area, what most researchers consider as a potential product is often not even remotely close to what can actually be sold, regulatory and quality management are among the most challenging aspects but clinical validation and commercial aspects will also be discussed.



**Bio:** Mr. Maazouz has been developing his work at Universitat Politècnica de Catalunya (Barcelona) in the field of calcium phosphate materials for a few years now. In 2013, he co-founded Subtilis Biomaterials, a spin-off of the Technical University of Catalonia (UPC), which is built on the technology developed at the Biomaterials Biomechanics and Tissue Engineering research group (BIBITE, UPC Barcelona, Spain) for over 15 years.