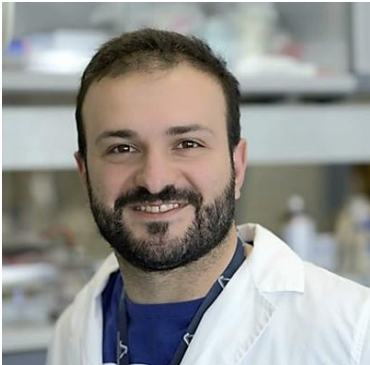


## Erwin Pavel Lamparelli



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Erwin is a medicinal chemist conducting research in the field of tissue engineering and regenerative medicine for applications in articular cartilage repair. He graduated in Chemistry and Pharmaceutical technologies at the University of Salerno.

He is enrolled in a PhD program in Translational Medicine at the Department of Medicine of the University of Salerno, where he is working on the development of a 3D bioengineered scaffold, functionalized with human stem cells and microcarriers, to induce a chondrogenic phenotype.

### **Research:**

His main research activity is based on the application of tissue engineering strategies for articular cartilage regeneration. His activities are oriented towards tridimensional cultures of the human stem cells to promote chondrogenic commitment, using different biomaterials as scaffolds and microcarriers for the controlled delivery of growth factors.