

Curriculum Vitae

Vita Manzoli, MS

PROFESSIONAL EXPERIENCE

**Senior Research - Bioengineering Laboratory at the Diabetes Research Institute
University of Miami, Miller School of Medicine**

**Executive PhD in Biomedical Engineering
Politecnico di Milano - Biomechanics Group**

Vita Manzoli obtained her Master Degree in Biomedical Engineering in 2007 at Politecnico di Milano with a thesis on engineered scaffolds for skeletal muscle tissue regeneration.

She then developed a strong biological background by working for four years on pulmonary diseases (asthma and lymphangioleiomyomatosis) at the Age and Gender Laboratory, part of the Surgery Department at University of Miami, Miller School of Medicine. She focused mainly on the role of estrogen in inflammatory pathways. Since November 2011, she works as a Senior Research Associate in the Bioengineering Laboratory at the Diabetes Research Institute at University of Miami, Miller School of Medicine. Her work focuses on developing and optimizing different strategies for encapsulation of islets of Langerhans for transplantation in patients affected by Type I Diabetes. Vita is also an executive PhD in Biomedical Engineering at Politecnico di Milano - Biomechanics Group. Her PhD project aims to model the fluid dynamic platform used for coatings and to study the effect of the process on the islets.