



Julius M. Guccione, Jr., Ph.D.
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Mercoledì, 20 Novembre 2019 - Aula Rubino – ore 15:00

**“Investigating the Role of Interventricular Interdependence
in Development of Right Heart Dysfunction During LVAD Support:
A Patient-Specific Methods-Based Approach”**

Biosketch

Prof. Guccione's is specialized on realistic computational simulations of the efficacy of novel surgical procedures and devices for treating cardiac diseases. His modeling approach is important for the design and evaluation of new surgical and medical strategies to treat and/or prevent infarction-induced heart failure.

Track Records

- Article: 127; citation>3300; h-index=31;
- Patent: Methods and compositions for stabilizing the myocardium;
- Grant: R01HL077921-03; R01HL118627-03; U01HL119578-05 (> \$2million);
- Consultant for Dassault Systemes – The Living Heart Projects.

