

BtBs Seminars

Biotechnology and Biosciences Seminars



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The Non-Textbook Heart: Structure, Electrics, Mechanics

The heart is an amazing organ. It beats once per second, about 1 million times every ten days, and if it stops – so does life. The volume it pumps in a year is equivalent to that of an Olympic-sized swimming pool. Pumping itself involves intra-cardiac volume redistribution between atria and ventricles, without a discernible change in the overall external volume, occupied by the blood-filled heart. This mechanical activity results from electrically-orchestrated contractions of billions of individual heart muscle cells. Each of them displays slightly different stress-strain behaviour, depending on the local mechanical environment, which differs as a function for example of basico-apical...



Thursday
June 25, 2026



U4-TELLUS building
room U4-08



4.30 pm
to 5.30 pm

Host:
Rocchetti, Lodola



The certificates of attendance for the seminar are also valid for the acquisition of CFU credits
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