

# Seminários de Física

CFUM, LIP-Minho, DF

## Modelling of biological systems

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15h00

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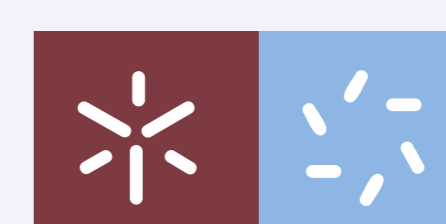
Anfiteatro Dep. Física  
Campus de Gualtar  
Braga

### Summary:

All the models are imperfect representations of nature and in biology, due to its extraordinary complexity, this is even truer. But a strictly experimentally based model can capture the main phenomena involved and provide cues to new measurements and discoveries. This is being exploited in Coimbra with the development of computational models, in close contact with "wet lab" biology groups, in particular for cancer, diabetes and related disorders. There will be presented past results on simulations to describe in vitro and in vivo results, and future projects, using both continuous and discrete approaches.



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