

Organizers:
Paulo J Oliveira
(Coimbra, Portugal)
Catarina R Oliveira
(Coimbra, Portugal)



Coimbra, Portugal, 22-24 May 2019



Symposium 5 | Bioinformatics and Machine Learning in Biomedicine

Organizer: Ernesto Costa (Coimbra, Portugal)
Francisco Pereira (Coimbra, Portugal)
Armindo Salvador (Coimbra, Portugal)
Alex Freitas (Kent, UK)

Day: Wednesday 22 afternoon and Thursday 23 morning
Meeting room: Meeting Room Petipa, Hotel Vila Galé (Congress venue 1)

Wednesday, 22 May

14.00-16.00 **Session 1: Bioinformatics and Machine Learning in Biomedicine I**

Chairs: Ernesto Costa (Coimbra, Portugal) and Natal van Riel (Eindhoven, Netherlands)

Machine Learning and Bioinformatics for Ageing Research (Provisional)

Alex Freitas (University of Kent, UK)

Speakers selected from submitted abstracts

16:00-16:30 Coffee-break

16.30-18.00 **Session 2: Bioinformatics and Machine Learning in Biomedicine II**

Chairs: Francisco Pereira (Coimbra, Portugal) and Teresa Oliveira (Coimbra, Portugal)

Title to be defined

Sara Madeira (University of Lisbon, Portugal)

Speakers selected from submitted abstracts

18.00 - 19.00 Opening Ceremony

19.00 - 20.00 Opening lecture by a Key-note speaker

20.00 - 21.00 Welcome drink

20.30 - 21.30 Champions League in Biomedicine and Experimental Biology

Thursday, 23 May

08.30-10.00 **Session 3: Bioinformatics and Machine Learning in Biomedicine III**

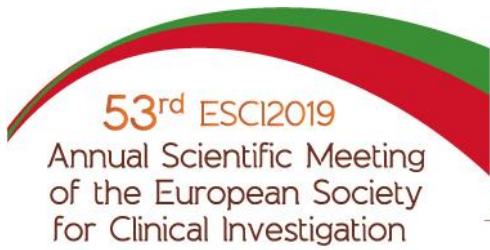
Chairs: Armindo Salvador (Coimbra, Portugal) and Nuno Lourenço (Coimbra, Portugal)

Integrated machine learning and mechanistic modelling of Metabolic Syndrome development and dynamics

Natal van Riel (Eindhoven University of Technology, Netherlands)

Speaker selected from submitted abstracts

10:00-10:30 Coffee-break



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10.30-12.30 Session 4: Bioinformatics and Machine Learning in Biomedicine IV

Chairs: Alex Freitas (Kent, UK) and Chris Farmer (Kent, UK)

Invited Speaker: TBA

Speaker selected from submitted abstracts