

UNIVERSIDADE DO PORTO

PROGRAMA DOUTORAL EM ÁREAS DA BIOLOGIA BÁSICA E APLICADA • GRADUATE PROGRAM IN AREAS OF BASIC AND APPLIED BIOLOGY



Developmental Biology Module - 2018

Instituto de Investigação e Inovação em Saúde (I3S)

Coordinator: José Bessa (jose.bessa@ibmc.up.pt)

Monday • 19th Feb

9h00 **José Bessa** (I3S/IBMC ; jose.bessa@ibmc.up.pt)
Introduction to Developmental Biology
“Course overview and questions in Developmental Biology”
“Dorsal ventral patterning in zebrafish”

14h00 **Moisés Mallo** (IGC ; mallo@igc.gulbenkian.pt)
Patterning and Morphogenesis
“The control of axial extension in vertebrates”

Tuesday • 20th Feb

9h30 **Laboratory Classes**
Florence Janody - Drosophila
Tatiana Resende - Chicken
Ana Gali - Zebrafish
Joao Amorim and Joana Marques - Zebrafish

14h30 **Tatiana Resende** (I3S/INEB ; Tatiana.Resende@ineb.up.pt)
Heart Development
“Embryonic cardiac progenitors and cardiogenesis”

Wednesday • 21st Feb

9h30 **Laboratory Classes**
Florence Janody - Drosophila
Tatiana Resende - Chicken
Ana Gali - Zebrafish
Joao Amorim and Joana Marques - Zebrafish

14h30 **Florence Janody** (I3S/IPATIMUP; fjanody@ipatimup.pt)
Actin Dynamics and Morphogenesis
“What can we learn from studying Drosophila development on human cancer?”

Thursday • 22st Feb

9h00 **Renata Bordeira-Carrico** (I3S/IBMC; renata.carrico@ibmc.up.pt)
Pancreas Development
“Introduction to pancreas development and to transcriptional cis-regulation”

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14h30 **Lorenzo Pasquali** (JCLRI; lpasquali@igtp.cat)
Transcriptional Regulation
“Molecular basis and regulatory networks of the pancreatic beta cell fate”

Friday • 21st Feb

9h30 **Diogo S. Castro** (IGC; dscastro@igc.gulbenkian.pt)
Transcription Factors and Neurogenesis
“Gene Regulatory Networks in Vertebrate Neurogenesis”

15h00 **Leonor Saúde** (IMM; msaude@fm.ul.pt)
Left-Right Asymmetry
“Left-Right Asymmetry Establishment in Vertebrates”

Schedule:

	Mon	Tue	Wed	Thu	Fri
9h00				Renata Bordeira	
9h30	José Bessa (I3S/IMBC)	Lab	Lab	Carriço (I3S/IBMC)	Diogo S. Castro (IGC)
	Lunch	Lunch	Lunch	Lunch	Lunch
14h00					
14h30	Moisés Mallo (IGC)	Tatiana Resende (I3S/INEB)	Florence Janody (I3S/IPATIMUP)	Lorenzo Pasquali (JCLRI)	
15h00					Leonor Saúde (IMM)
				Preparation of presentation	Presentation
					Chill out