

Molecular Biomarkers and Technologies

PhD Advanced Course – Programme

20-24 September 2021 | ONLINE ONLY

Faculty of Pharmacy, University of Lisbon, Portugal

Date/day	Time (Lisbon)	Sessions	Speaker
Mon 20 September Day 1	9:45	Opening remarks	
	10:00	Opening lecture: Molecular signatures by Omics Technologies	Patrícia Gomes-Alves <i>iBET, Universidade NOVA de Lisboa</i>
	11:00-13:00	Biomarkers in Neurosciences	Moderator: Elsa Rodrigues, FFUL
	11:00	Title	Luís Pereira de Almeida <i>CNC, Faculdade de Farmácia, Universidade de Coimbra</i>
	12:00	Biomarkers and technologies in biomedical neuroscience	Diana Prata <i>IBEB, Faculdade de Ciências, Universidade de Lisboa</i>
	14:00-16:00	Workshop: Bioentrepreneurship	Moderator: Susana Solá, FFUL
	14:00	Science based entrepreneurship and innovation – A love story	Rita Tomé <i>Tec Labs, Faculdade de Ciências, Universidade de Lisboa</i>
	16:00	Title	Bruno Silva-Santos <i>GammaDelta Therapeutics, IMM, Universidade de Lisboa</i>
Tue 21 September Day 2	9:00-12:00	Biomarkers in Cancer	Moderator: Marta Afonso, FFUL
	9:00	Intercellular communication and cancer	José Carlos Machado <i>Ipatimup, i3S, Faculdade de Medicina, Universidade do Porto</i>
	10:00	Digital pathology	Catarina Eloy <i>Ipatimup, i3S, Faculdade de Medicina, Universidade do Porto</i>
	11:00	Biosensors for screening molecular biomarkers	Goreti Sales <i>Faculdade de Ciências e Tecnologia, Universidade de Coimbra</i>
	14:00-16:00	Workshop: Ethics	Moderator: Rui Castro, FFUL
		Ethics in science and technologies	Ana Sofia Carvalho <i>Instituto de Bioética da Universidade Católica, Porto</i>
Wed	10:00-13:00	Biomarkers in Infection	Moderator: André Santos, FFUL

22 September Day 3	10:00	New paradigms in virology	Maria João Amorim <i>IGC, Oeiras</i>
	11:00	Bacterial genomic markers for drug resistance and molecular epidemiology: gaining insight on <i>Mycobacterium tuberculosis</i> dissemination and resistance acquisition dynamics	João Perdigão <i>iMed.Ulissboa, Faculdade de Farmácia, Universidade de Lisboa</i>
	12:00	Whole-organism vaccination against malaria	Miguel Prudêncio, IMM, Universidade de Lisboa
	14:00-16:00	Workshop: Science Communication	Moderator: Joana Amaral, FFUL
	14:00	Science journalism	António Granado <i>Faculdade de Ciências Sociais e Humanas, Universidade NOVA de Lisboa</i>
	15:00	Public engagement with science	Pedro Ferreira, Biochemical Society, London, UK
Thur 23 September Day 4	9:00-12:30	Biomarker Technologies	Moderator: Cecília Rodrigues, FFUL
	9:00	Low cost paper based platforms for biosensing applications	Elvira Fortunato <i>FCT, Universidade NOVA de Lisboa</i>
	10:00	Pharmacogenetics in clinical practice	Ana Teresa Freitas <i>HeartGenetics, Genetics and Biotechnology SA, IST, Universidade de Lisboa</i>
	11:00	Break	
	11:30	Stem cells in development, homeostasis and cancer	Adriana Sánchez Danés <i>Champalimaud Foundation, Lisboa</i>
	14:00	Closing lecture:	Francisco Quintana <i>Ann Romney Center for Neurologic Diseases, Brigham and Women's Hospital, Harvard Medical School, Boston, USA</i>
	15:00-16:00	Group discussion: Final projects	
Fri 23 September Day 5	10:00-12:00	Group discussion: Final projects	
		Assessment	
	12:00	Closing remarks	

Please note that this programme may be subjected to time changes, which however will be communicated.