

1-week PIANOFORTE training course

BioMod^R
**“Models” in biomedical physics and radiation protection research:
from in vitro cell systems to population studies**

19 - 23 June, 2023, University of Pavia, Physics Department, Room A101, Via Bassi 6, Pavia, Italy

PRELIMINARY PROGRAMME

Day	Topic	Title	Time	Lecturer
Mon 19/6	Welcome	<i>BioMod^R – presentation of the course</i>	09:30-10:15	<u>G. Baiocco</u>
	In vitro - LEC	<i>In vitro cell systems – an overview</i>	10:15-13:00	<u>E. Regalbuto</u>
	In vitro - LAB	<i>In vitro lab techniques for radiation biology</i>	14:15-18:00	<u>I. Guardamagna,</u> <u>L. Lonati</u>
Tue 20/6	Towards In Vivo (3D@UniPv Lab)	<i>3D tissue models and bioprinting</i>	9:30-13:00	<u>M. Conti</u>
	Towards In Vivo LEC + hands-on	<i>Microfluidics applications and Organ-on-a-chip systems</i>	14:15-18:00	<u>A.J. Conde,</u> <u>M.A. Gadan</u>
Wed 21/6	In Vivo – LEC + hands-on	<i>Optical microscopy in clinically relevant models of diseases</i>	09:30-13:00	<u>S. Fumagalli</u>
	In Vivo – LEC + hands-on	<i>Magnetic Resonance Imaging in Experimental Models</i>	14:15-18:00	<u>F.Moro</u> <u>E. Micotti</u>
Thu 22/6	Population studies	<i>Clinical trials</i>	09:30-13:00	<u>C. Citterio</u>
	Population studies	<i>Radiation epidemiology and radiation risk modelling</i>	14:15-18:00	<u>M. Eidemuller</u>
Fri 23/6	Self-preparation for the test		9:30-11:30	
	Final test		11:45-13:30	