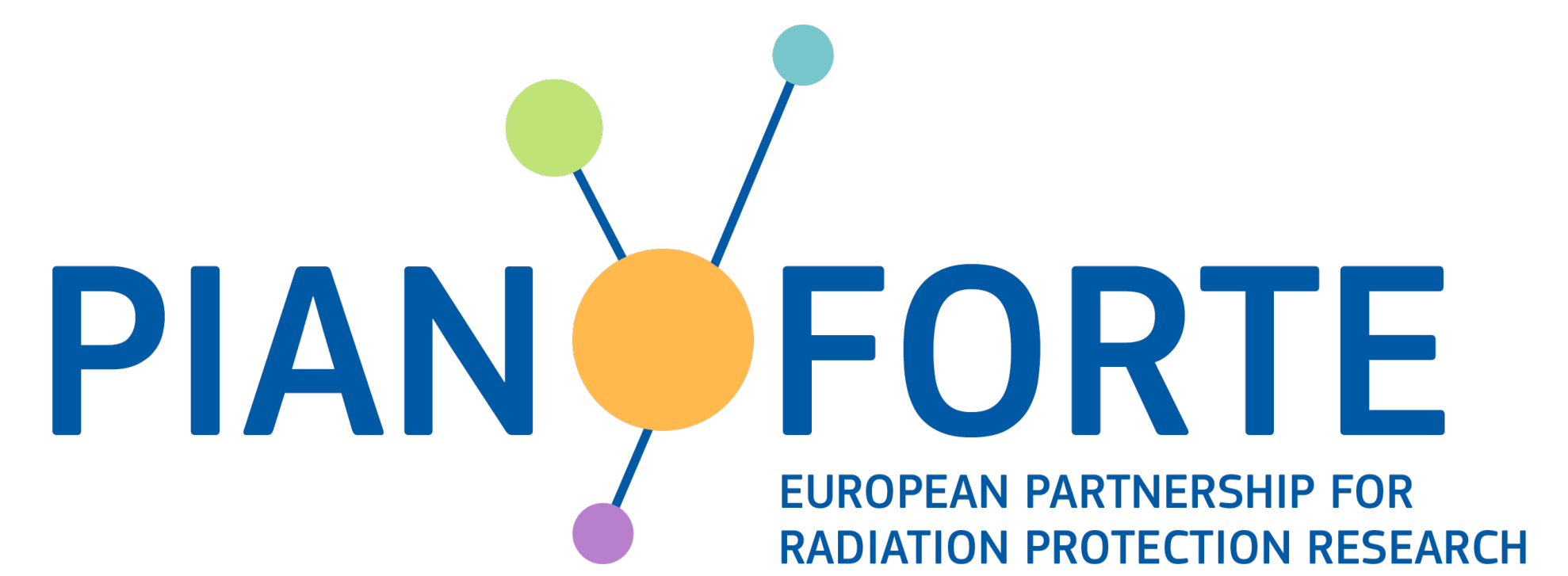




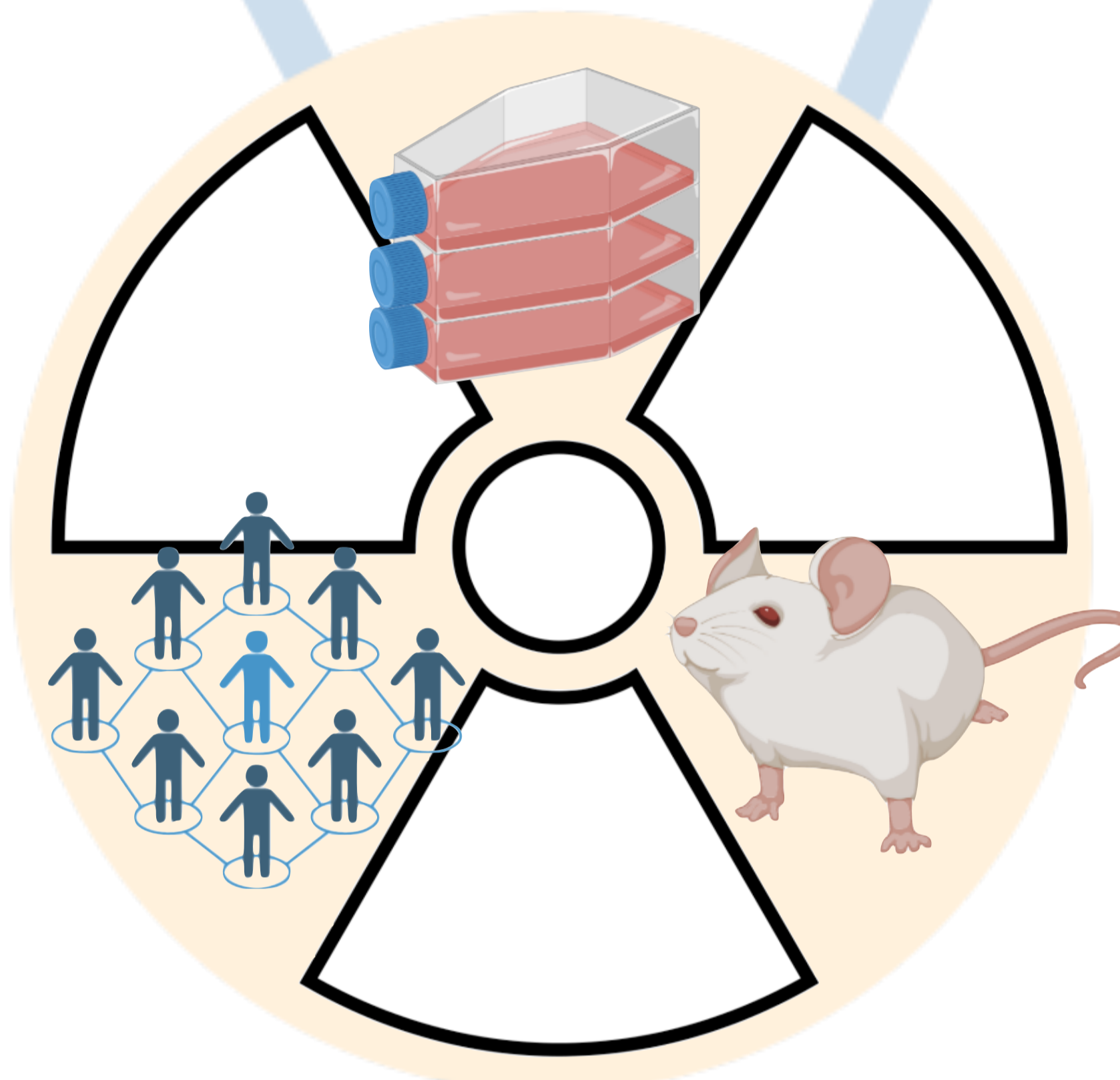
UNIVERSITÀ
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BioMod^R will train participants in the *conception, selection* and *practical adoption* of models to study biological phenomena, with a focus on ionizing radiation effects and radiation protection research

BioMod^R

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



a PIANOFORTE-funded 1-week training course,
in Pavia, Italy, 19 - 23 June 2023

Topics covered (~40 hour program of lectures and hands-on sessions):

- **standard *in vitro* cell cultures**
- **organoids and 3D tissue replicas, including bioprinting**
- **microfluidics applications and organ-on-a-chip systems**
- ***in vivo* models (with hands-on image analysis)**
- **population studies, clinical trials and radiation epidemiology**

Applications are open to 12 participants (MSc/PhD students, young investigators, continuing professional education, with priority to PhD students involved in research projects related to radiation biology and radiation protection). The course has **no fee** and **accommodation** will be offered in single/double rooms in Pavia facilities. Apply sending: **your CV, a motivation letter and a reference letter** to: giorgio.baiocco@unipv.it. Course Directors: Giorgio Baiocco, Nicoletta Protti.

Application deadline: April 23, 2023

detailed program course info will follow