



**Davide Serafini**

Born in Padova, Italy

Nationality: Italian

Languages: Italian and English

I enjoy Jogging, Board games, Photography

**Education**

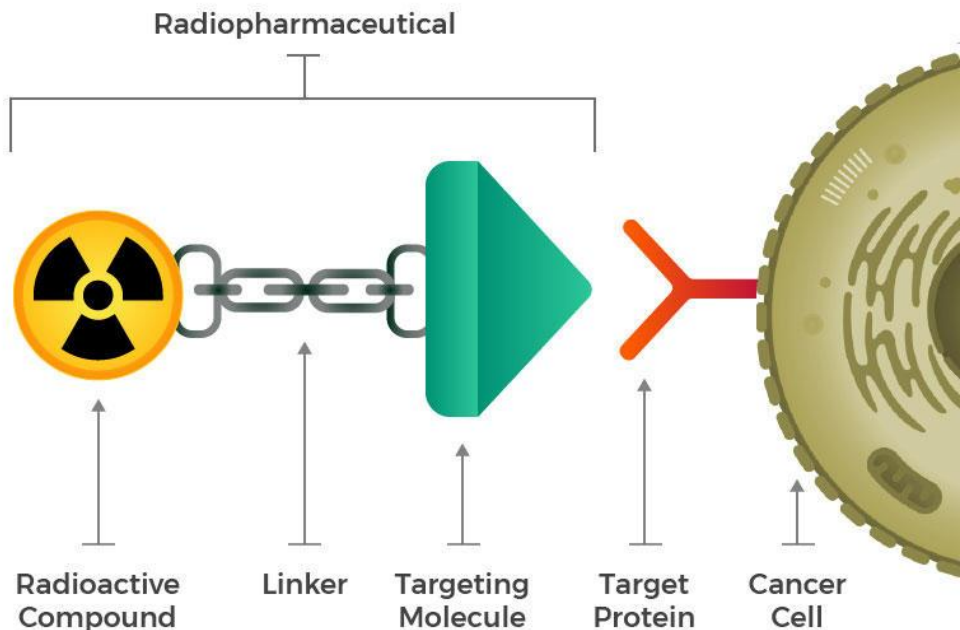
- Bachelor and Master Degrees at the University of Padova
- Curriculum on applied nuclear physics
- Summer Schools on medical physics and lasers

## PhD Project Information

- ISOLPHARM project:
  - radiopharmaceuticals for TRT
  - Ag-111

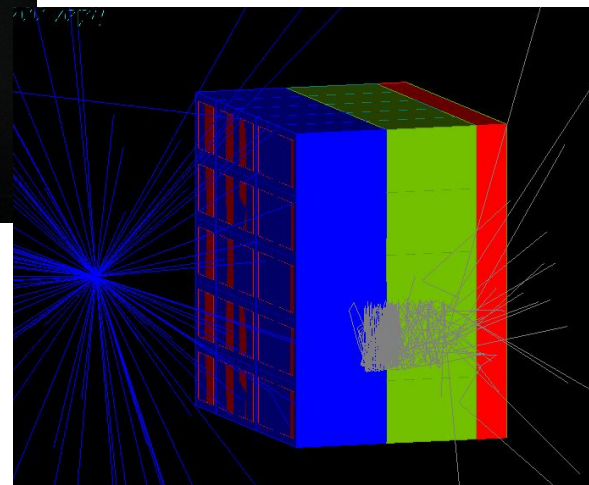
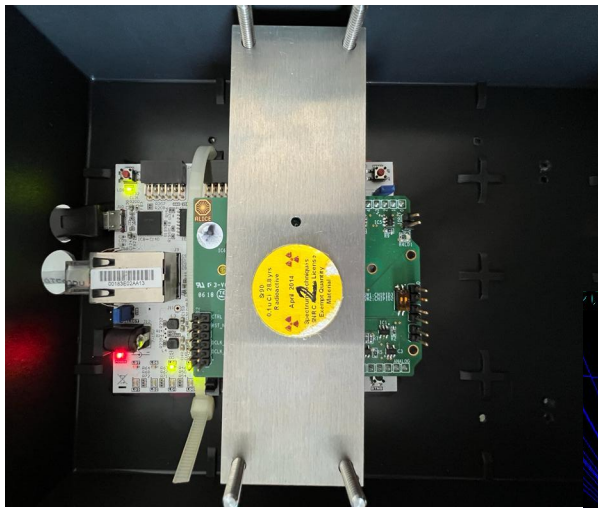
  
SPES exotic beams for medicine

  
Istituto Nazionale di Fisica Nucleare  
Laboratori Nazionali di Legnaro



## PhD Project Information

- Preclinical studies
- Two innovative detectors tailored to Ag-111:
  - $\beta$  detector
  - $\gamma$  camera
- Simulations with Geant4



## PhD Project Information

- Experiments with reference commercial device via:
  - Cerenkov Luminescence
  - Autoradiography

