CURRICULUM VITAE ET STUDIORUM
VALERIA BENTIVOGLIO

Curriculum redatto in conformità al vigente modello europeo - d.lgs. 33/2013 (artt. 10, 14, 15, 15bis, 27)

PERSONAL DATA

Place and date of birth:
Citizenship:
Phone number:
E-mail address:

EDUCATION

2022: Master degree in Medical Biotechnology (2 years), biomolecular curriculum, University of Rome "Sapienza", Italy.
2019: University degree in Agro-industrial Biotechnology, University of Rome "Sapienza", Italy.

LINGUAGES

Italian speaking mother tongue. Good spoken and written English.

EXPERIENCE

June 2020- July 2022: **Internship student** at Department of Medical-Surgical Sciences and of Translational Medicine, Nuclear Medicine Unit, Faculty of Medicine and Psychology, University of Rome "Sapienza", Italy.
February 2019- July 2019: **Internship student** at Department of Biochemical Science "A. Fanelli", Faculty of Mathematical, Physical and Natural Science, University of Rome "Sapienza", Italy.

TECHNICAL SKILLS AND COMPETENCES

Radiochemistry (radiolabelling of several molecules with 99mTc), biochemical analysis and quality controls (HPLC, cromatography, electrophoresis, iTLC, protein purification), cellular biology and in vitro studies.

EXPERIENCE WITH MURINE MODELS

Good ability to manipulate animals (cervical dislocation, autopsy examination, intravenous and intraperitoneal injections).

COMPUTER KNOWLEDGES

Good knowledge of Microsoft Word / Excel / Access / PowerPoint.
Good knowledge of GraphPad Prism.

PERSONAL GOALS

I studied biotechnologies because of my high interest in basic and clinical research. My goal is, therefore, to continue working in a translational research team, possibly in the field of oncology.

PUBLICATIONS

1. Varani M, Campagna G, Bentivoglio V, Serafinelli M, Martini ML, Galli F, Signore A. Synthesis and Biodistribution of ^{99m}Tc-Labeled PLGA Nanoparticles by Microfluidic Technique. *Pharmaceutics*. 2021 Oct 22;13(11):1769. doi: 10.3390/pharmaceutics13111769.

2. Varani M, Galli F, Bentivoglio V, Signore A. Particles and nanoparticles in nuclear medicine: basic principles and instrumentation. *Reference Module in Biomedical Sciences*. Elsevier 2021. ISBN 9780128012383. doi: 10.1016/B978-0-12-822960-6.00079-X.
3. Lauri C, Varani M, Bentivoglio V, Capriotti G, Signore A. Present status and future trends in molecular imaging of lymphocytes. *Semin Nucl Med.* 2022 Sep 20:S0001-2998(22)00078-2. doi: 10.1053/j.semnuclmed.2022.08.011.
4. Varani M, Bentivoglio V, Lauri C, Ranieri D, Signore A. Methods for radiolabelling nanoparticles: SPECT use (Part 1). *Biomolecules* 2022, *12*, 1522. doi: 10.3390/biom12101522
5. Bentivoglio V, Varani M, Lauri C, Ranieri D, Signore A. Methods for radiolabelling nanoparticles: PET use (Part 2). Biomolecules 2022, 12, 1517. doi 10.3390/biom12101517