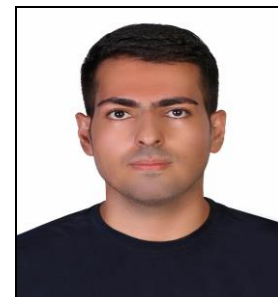


Curriculum Vitae
Soheil Afshari Behbahanizadeh



First name:	Soheil
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Nationality:	Iranian
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Academic Certificates

Title	Center	Date
PhD in clinical and experimental immunology	Department of experimental medicine University of Genoa, Italia	Nov 2021- Now
Doctor of Veterinary Medicine (DVM)	Islamic Azad University of Garmsar, Iran	Sept 2012-Sept2018
High School Diploma, Natural Sci.	Pajoohandegan elm private school, Fardis, Iran	June 2012

Externship/ Internship

Year	Duration	University/Hospital	Position
2017	3 months	University of Veterinary Medicine, Vienna, Austria	Externship and clinical rotation
2017	9 months	Veterinary medicine specialize hospital, Islamic Azad University Garmsar, Iran	Internship, clinical rotation
2018	2 weeks	University of veterinary medicine Lyon, France	Externship at Large animal internal medicine

PhD Thesis: "Effect of Sulfavant adjuvant vaccine in tumor immunity"

DVM Thesis: "Evaluation the effects of administration various doses of indomethacin on inducible nitric oxide synthase (iNOS) gene expression in breast tumor"

Research Experiences:

1. I pursued a comprehensive training program in Mycoplasma at the Razi Vaccine and Serum Research Institute, Iran, under the supervision of Prof. Seyed Ali Pourbakhsh, spanning from May 2016 to October 2016, as part of my academic and professional development.
2. I undertook a research internship within the Department of Immunology at the University of Tehran, Iran, Under the supervision of Prof. Samad Farashi Bonab during the period spanning December 2017 to September 2018.
3. I engaged in a trainee program and established a collaborative relationship with the University of Cambridge, Faculty of Veterinary Medicine, UK, on canine transmissible venereal tumor under the supervision of Prof. Elizabeth Murchison, in July 2018, as a significant academic and research endeavor.
4. I was granted admission as a fully-funded scholarship PhD student in the doctoral program at the Department of Immunology at the Medical University of Genoa, Italy. I am actively engaged in research pertaining to innate and adaptive immunity in the context of cancer, under the supervision of Prof. Raffaele De Palma.

Conference and seminars;

- ❖ Statistical analysis in veterinary Workshop University of Karaj, 2012
- ❖ Participate in 2nd veterinarian laboratory science symposium Semnan, Iran. December 2012.
- ❖ Workshop on importance of bionic, Al Zahra University Tehran, Iran April 2017.
- ❖ Workshop on congenital defects in bovine at Azad University of Garmsar, Iran November 2017
- ❖ Seminar on the new approaches to detect and treat cancer, University of Tehran, September 2018.
- ❖ Participating in 7th national veterinary congress in small animal Tehran Iran October 2018.
- ❖ Participating in international surgical oncology congress, Shiraz, Iran, November 2018.
- ❖ Mass spectrometry personalized medicine university of Genoa, Italia, October 2021
- ❖ Synaptic stimulation protects against pathological tau by enhancing lysosomal degradation university of Genoa October 2021.
- ❖ Immunotherapy Bridge conference Dec 2021
- ❖ An electron microscopy view into 2 killers: SARS-CoV-2 and Mycobacterium tuberculosis infections induce lipid accumulations in lung university of Genoa Dec 2021.
- ❖ Immune response to drug treatment: Immunotoxicity Jan 2022
- ❖ Congress of ImmunoOncology, national medical academia, Italy Jan 2022

- ❖ Extracellular vesicles in diagnosis and prognosis of lung cancer Feb 2022
- ❖ Prognostic/predictive value of tumor microenvironment: role of flow cytometry GIC (Italian society of cytometry) Feb 2022
- ❖ Immune checkpoint molecules in Natural Killer cells as potential targets for cancer immunotherapy
- ❖ Harnessing Natural Killer Cells in cancer therapies university of Genoa May 2022.
- ❖ Anti-tumor telomerase vaccine Chimeric Antigen Receptors: The new age of anti-cancer therapy Jun 2022
- ❖ The role of Innate Lymphoid Cells in physiological and pathological conditions Sept 2022
- ❖ Harnessing Natural Killer Cells in cancer therapies Oct 2023
- ❖ New frontiers and therapeutic applications of CAR cells by **Prof. Franco Locatelli** Jan 2023
- ❖ A Tumor-Liver Multi-Organ-on-chip for assessing simultaneously anticancer drug efficacy and hepatotoxicity Jan 2023
- ❖ 5days flow cytometer conference April 2023
- ❖ The study of the adaptive immune response during infection&vaccination by **Prof. Alessandro Sette** Jun 2023
- ❖ Precision medicine in autoimmune diseases Jun 2023
- ❖ Pathogenesis of acute coronary syndromes by **Prof. Filippo Crea** July 2023
- ❖ KIRs: a polymorphic gene family coding for receptors regulating NK cell function Gaslini Hospital July 2023
- ❖ Features of the immune system balance in neuroimmunity (and not only) San Martino Hospital July 2023
- ❖ A novel Galectin-9 agonistic antibody for malignant mesothelioma immunotherapy July 2023
- ❖ Osteoimmunology and Cancer Aug 2023
- ❖ European Advanced Course and Conference on Immunology (FOCIS) Rouen, France Aug 2023
- ❖ Cancer challenge: new therapeutic frontiers National Academy of Lincei, Italy Sept 2023
- ❖ Role of NK cells in the control of bone metastases in Non-Small Cell Lung Cancer (NSCLC) university of Genoa Sept 2023.
- ❖ Human NK cell adaptation to environmental stimuli: the CMV effect University of Genoa Oct 2023.

Journal Publications:

1. **Afshari Behbahanzadeh, S.**, & Farashi Bonab, S. (2019). Study the effect of indomethacin administration on breast tumor growth and INOS gene expression in tumor-bearing mice. *Int. J. Adv. Biol. Biomed. Res.*, 7, 160-172. doi: 10.33945/SAMI/IJABBR.2019.2.7
2. Rezaei, T., Rezaei, M., Karimifard, S., Mahmoudi Beram, F., Dakkali, M. S., Heydari, M., **Afshari-BehbahaniZadeh, S.**, & Chaiyasut, C. (2022). Folic acid-decorated pH-responsive nanoniosomes with enhanced endocytosis for breast cancer therapy: in vitro studies. *Frontiers in pharmacology*, 13, 851242. doi: 10.3389/fphar.2022.851242
3. Badivi, S., Kazemi, S., Bazgirkhoob, H., **Afshari-Behbahanzadeh, S.**, Shayan, S., Seyedi, S. A., & Akbarzadeh, I. (2023). Characterization and optimization of bee venom loaded PEGylate liposomal formulation to enhance anticancer activities against lung cancer cells. *Frontiers in Pharmacology*, 14, 1167824. doi: 10.3389/fphar.2023.1167824

Presentations/conferences:

1. **S. Afshari-Behbahanzadeh**, E.Murchison, A.Strakova, T.Wang, Evaluation of a genetic assay for canine transmissible venereal tumor diagnosis in Iran, University of Cambridge, UK, July 2018. (Oral).
2. **S. Afshari-Behbahanzadeh**, E.Murchison, A.Strakova, T.Wang, Identify the Iranian dog samples that have been collected, belong to which CTVT clade and evaluation the mutation, Islamic Azad University of Garmsar, Iran, Sept 2018. (Oral)(In Persian)
3. **S. Afshari-Behbahanzadeh**, S.Farashi-Bonab, Evaluation iNOS gene expression in breast cancer, 7th national veterinary congress in small animal, Tehran Iran October 2018.(In Persian)
4. **S. Afshari-Behbahanzadeh**, M. Arefimehr, S.Farashi-Bonab, Evaluation the various doses of indomethacin in tumor growth, 7th national veterinary congress in small animal Tehran Iran October 2018. (In Persian)
5. **S. Afshari-Behbahanzadeh**, S. Farashi-Bonab, R.Qods, Evaluation the effects of administration various doses of indomethacin on inducible nitric oxide synthase (iNOS) gene expression in breast tumor, Shiraz international surgical oncology congress, Shiraz, Iran, November 2018(In English)
6. R. Qods, S.Farashi-Bonab, **S. Afshari-Behbahanzadeh**, Evaluation the effect of acetaminophen administration on tumor growth and arginase gene expression in tumor-bearing hosts, Shiraz international surgical oncology congress, Shiraz, Iran, November 2018 November 2018 (In English)

Skill: Cell culture (Bulk, Single cell cloning, etc.), Immunomagnetic separation, Flow cytometry staining, ELISA, PCR.

Software: Kaluza, Microsoft office (word, excel, power point and etc.), SPSS statistical software, Graph pad

Languages: Persian (Native), English (IELTS 6), Spanish (DeleB2), Italian (B1), French (B1), Arabic (B1), Russian (A2)