

PERSONAL INFORMATION

Giorgiana Gabriela NEGREA



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Sex Female | Date of birth 05/12/1994 | Nationality Romanian

WORK EXPERIENCE

10/2018–10/2019

BIOLOGIST VOLUNTEER

Laboratory of Gynecology Hospital I, Cluj-Napoca (Romania)

07/2018–09/2018

BIOCHEMIST VOLUNTEER

Molecular Biology and Biotechnology Department Laboratory, Faculty of Biology and Geology, Babeş-Bolyai University, Cluj-Napoca (Romania)

07/2016–12/2016

BIOCHEMIST VOLUNTEER

Laboratory of Municipal Hospital, Cluj-Napoca (Romania)

2015–2018

VOLUNTEER in HR Department

Student's Organisation for Nature (OSpN), Cluj-Napoca (Romania)

EDUCATION & TRAINING

2020–Present

PhD STUDENT

- ✧ Doctoral school of Integrative Biology, Faculty of Biology and Geology, “Babeş-Bolyai” University, Cluj-Napoca (Romania)
- ✧ **PhD** thesis title: Reprogramming the cellular metabolism - target for antitumoral therapies applied within melanoma (thesis coordinator: prof. Dr. **Banciu** Manuela)

2018–2020

Master's degree in MOLECULAR BIOTECHNOLOGY

- ✧ Faculty of Biology and Geology, “Babeş-Bolyai” University, Cluj-Napoca (Romania)
- ✧ UEFISCDI grant, Project code: PN-III-P4-ID-PCE-2016-0342/ Tumor intercellular communication tools-inspiration for future tumor-targeted therapies - **Master's** thesis title: Novel combined therapy based on IL-13-PEG-LCL-SIM and PEG-EV-DOX to reduce murine melanoma aggressiveness *in vivo* (thesis coordinator: prof. Dr. **Banciu** Manuela)

2015–2018

Bachelor's degree in BIOCHEMISTRY

- ✧ Faculty of Biology and Geology, “Babeş-Bolyai” University, Cluj-Napoca (Romania)
- ✧ UEFISCDI grant, partnership, Project code: PN-II-PT-PCCA-2011-3-2-1060/ Development and preclinical evaluation of nanoparticulate drug delivery systems for

targeted antitumor therapy of colorectal cancer - **Bachelor's** thesis title: Co-delivery of Simvastatin & 5-FU via Long-Circulating Liposomes increases production of anti-inflammatory proteins *in vivo* (thesis coordinator: prof. Dr. **Banciu** Manuela)

✦ Graduated as a valedictorian

2010–2014 **HIGH SCHOOL GRADUATION DEGREE**

EQF level 1

“AVRAM IANCU” High school, Cluj-Napoca (Romania)

PERSONAL SKILLS

Mother tongue(s) Romanian language
Foreign language(s) English, Spanish

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	C1	C1	C1	C1
Spanish	B1	B1	B1	B1	B1

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem-solving
Independent user	Basic user	Independent User	Basic user	Basic user

Digital Competence Certificate - independent user
Microsoft Office™ tools - independent user

Skills ✦ As a consequence of working as a volunteer in a few different places and being part of a big team of students at my University, I am able to work alone, as well as part of a team. I constantly gain practical and theoretical aptitudes being part of the research team coordinated by prof. Dr. Manuela Banciu.

Tehcnical skills ✦ Cancer cell lines cultivation; cell proliferation and viability; protein array; ELISA; Western blot, chromatographic methods, spectrophotometric methods; enzymatic measurements; protein determination (Gornall, Bradford); isolation and characterization of biological materials.
✦ Neutrophils isolation and activation; *in vitro* lymphocyte stimulation (anti-IgM, LPS, anti-CD3/CD28); setup IgE-loading of bone marrow-derived mast cells (acquired by taking part in LISA summer academy in Germany).
✦ Basic knowledge in Microsoft Office suite and working knowledge in biostatistics software (GraphPad Prism).

Driving licence B category

ADDITIONAL INFORMATION

Presentations

NOVEMBER 2021

Participated in **BIO.T.A -Biodiversity, traditions and actuality**, 19 November, in Cluj-Napoca, Romania, with an oral presentation **entitled:** "Synthetic liposomal nanoformulations with simvastatin enhances the antitumoral activity of natural liposomes with doxorubicin in melanoma"

JULY 2021

Participated in **Young Researchers in BioSciences International Symposium**, 22-25 July, 2021, in Cluj-Napoca, Romania, with an oral presentation **entitled:** Active tumor-targeting therapy based on IL-13-PEG-LCL-SIM & PEG-EVs-DOX for reducing the murine melanoma aggressiveness in vivo

AUGUST 2019

Participated in **LISA Summer Academy in Hannover, Germany** at Hannover Medical School (MHH).

2 weeks internship within the Inflammation Research Group, Institute of Clinical Chemistry under the guidance of Dr. Niko Föger and Prof. Dr. Lee.

Poster presentation: Tumor-targeted Therapy for Colorectal Cancer based on Tumor Microenvironment Re-education

JULY 2019

Oral presentation within **Young BM 2019 in Madrid, Spain** named Co-delivery of Simvastatin & 5-FU via Long-Circulating-Liposomes Increases Production of Anti-inflammatory Th1 Cell Proteins in Murin Colon Carcinoma Microenvironment

JULY 2019

Participated as **Biology Teacher Trainer** - for middle school students in **Summer School - Școala Curioșilor** organized by Asociația Secular-Umanistă din România (Piatra Neamț, Romania).

20.12.2021

Negrea G.