BIANCA GĂLĂȚEANU

Pharmacist, PhD Biochemist



EDUCATION AND TRAINING

POST DOCTORAL FELLOWSHIP in ICUB Young Researchers Grant (15568/01.07.2016)
2016-present: Research Institute of the University of Bucharest, University of Bucharest

POST DOCTORAL FELLOWSHIP in POSDRU/159/1.5/S/13339
2014-2015: Institute of Life Science, Vasile Goldiș Western University of Arad

PHARMACIST
2010-2014: Faculty of Pharmacy, University of Medicine and Pharmacy "Carol Davila" Bucharest

PhD in Biology
2008-2012: Doctoral School of Biology, University of Bucharest

MSc in Biochemistry and Molecular Biology
2005-2007: Faculty of Biology, University of Bucharest

BSc in Biochemistry
2001-2005: Faculty of Biology, University of Bucharest

WORK EXPERIENCE

POSTDOCTORAL RESEARCHER, PHARMACIST
2017 – present
University of Medicine and Pharmacy "Carol Davila" Bucharest

SCIENTIFIC RESEARCHER III (CSIII), BIOCHEMIST
2015 – present
University Politehnica Bucharest, Advanced Polymers Materials Group

SCIENTIFIC RESEARCHER III (CSIII), PHARMACIST
2015 – present
University of Bucharest, Department of Biochemistry and Molecular Biology

TEACHING ASSISTANT
2014 – present
University of Bucharest, Faculty of Biology, Department of Biochemistry and Molecular Biology

RESEARCH ASSISTANT, BIOCHEMIST
2007 – 2015
University of Bucharest, Department of Biochemistry and Molecular Biology

RESEARCH SKILLS

- **Primary adult stem cells culture** achievement;
- **Adult stem cells differentiation potential** assessment for personalized and regenerative medicine;
- Conventional 2D, **and 3D cell/scaffold culture systems** achievement;
- **Scaffold-free 3D culture systems** achievement for cancer research;
- ***In vitro* cytotoxicity screening** of active compounds;
- Development of **liposomal and nanoparticle based drugs delivery systems** in cancer therapy;
- Development of **hydrogel wound dressings for the delivery of autologous stem cells and drugs**;
- *In vitro* screening of **molecular mechanisms involved in cancer and inflammation**;
- **ISI research papers drafting**;
- **National and international research proposals writing**.

CONTACT

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SCIENTOMETRY

- ✓ h*index* = **9** (Scopus and Google Scholar, April 2017)
- ✓ **23** ISI indexed papers of which **11** as main author
- ✓ **3** book chapter and co-author of **one** monography
- ✓ **3** national patents
- ✓ **48** international conferences of which **6** oral presentations
- ✓ **31** national conferences of which **14** oral presentations
- ✓ leader in **2** national grants
- ✓ team member in **15** research projects

PROFFESIONAL AFFILIATIONS

- ✓ Romanian Society of Biochemistry and Molecular Biology
- ✓ National Society of Cellular Biology
- ✓ National Society of Flow Cytometry
- ✓ International Society of Regenerative Medicine and Surgery (ISRMS)
- ✓ Research Institute of the University of Bucharest