

# 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

- ✓ *hindex* = 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

## PROFESSIONAL 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