

Karolina Natalia Pietrzak

EDUCATION

CAS in Personalized Molecular Oncology <i>University of Basel, Switzerland</i>	2019 – present
Ph.D. in Molecular Life Sciences <i>University of Zurich, Switzerland</i>	2015 – 2019
MSc. in Genetics <i>University of Lodz, Poland</i>	2012 – 2015
MSc. in Medical Biotechnology (summa cum laude) <i>Medical University of Lodz, Poland</i>	2010 – 2012
BSc. in Medical Biotechnology <i>Medical University of Lodz, Poland</i>	2007 – 2010

EXPERIENCE

Research Scientist <i>Dept. of Gastroenterology and Hepatology, University Hospital Zurich, Switzerland</i>	06.2021 – present
Manufacturing Associate, Pharmaceutical Operations and Technology <i>Biogen, Next Generation Manufacturing, Luterbach, Switzerland</i>	02.2020 – 05.2021
Research Scientist PhD candidate, personalized medicine in cancer and disease modeling <i>Dept. of Molecular Mechanisms of Disease, University of Zurich, Switzerland</i>	02.2015 – 07.2019
Research Associate Fulbright Fellow, cancer research <i>Dept. of Biochemistry and Molecular Genetics, University of Virginia, USA</i>	07.2013 – 01.2015
Project Manager Assistant Intern <i>Bio-Tech Consulting Ltd, Lodz, Poland</i>	09.2009 – 06.2010

AWARDS AND FELLOWSHIPS

• Novartis Research Fellowship , Foundation for Medical - Biological Research, Switzerland	2017
• Sasella Stiftung for medical research , Switzerland	2017
• Fulbright Fellowship , University of Virginia, USA	2013-2015
• Merit based scholarship , Human Capital European Union Project	2010-2012
• Dean's List and scholarship , Medical University of Lodz, Poland	2007-2012
• Scholarship "Youth in Lodz" for biomedical sciences students , Poland	2010
• Juvenes Pro Medicina Scholarship , Poland	2010

SELECTED CERTIFICATES

Clinical Research	
• Design and Interpretation of Clinical Trials, Johns Hopkins University, Coursera	2019
• Good Clinical Practice (GCP), Clinical Trial Center Universität Spital Zurich, Switzerland	2018
Manufacturing Operations	
• Good Manufacturing Practice (GMP), University of Konstanz, Germany	2019
Research Commercialization and Technology Transfer	
• Management of intellectual property in the life sciences and health, commercialization of research results. Centre for Innovation and Technology Transfer, Poland	2010
• Setting up and running of Spin-Off business. Initiative Fund Foundation, Poland	2010

EXTRA-CURRICULUM ACADEMIC ACTIVITIES AND VOLUNTEER WORK

• Tutor preparing for Matura exam in biology and chemistry for Polish high school students	2007 – 2015
• Student Representative and member of Faculty Council, Medical University of Lodz, Poland	2007 – 2012
• Student Government Association, Medical University of Lodz, Poland	2008 – 2011
• Independent Students' Association, Lodz, Poland	2007 – 2010