

Curriculum Vitae

Anna Agnieszka Marusiak

EDUCATION:

- 2006 – 2010** **PhD in Molecular Cell Biology**, CRUK Growth Factor Group,
University of Birmingham, School of Biosciences, Birmingham, UK
Title of PhD thesis: “Identification of novel components in fibroblast growth factor signalling”.
Supervisor: Prof. John Heath
Title: PhD (01.02.2010)
- 2004 – 2006** **MSc in Medical Biotechnology**, Institute of Biochemistry and Molecular Biology,
Department of Cell Pathology, University of Wrocław, Poland
Title of MSc thesis: “Biological activity of proteoglycans: syndecans, glypicans and lumican”.
Supervisor: Prof. Maria Malicka-Błaszkiwicz
Title: Master of Science (30.06.2006)
- 2001 – 2004** **BSc in Biotechnology**, Institute of Biochemistry and Molecular Biology,
University of Wrocław, Poland
Title: Bachelor of Science (02.07.2004)

RESEARCH EXPERIENCE:

- 2021 – present** **Group Leader**, Laboratory of OncoSignalling
International Institute of Molecular Mechanisms and Machines (IMol) PAS
- 2015 - 2020** **Postdoctoral Research Fellow**, Project Leader
Laboratory of Experimental Medicine,
Centre of New Technologies, University of Warsaw, Poland
Project title: MLK4 in breast cancer
Group leader: Prof. Dominika Nowis
- 2011 – 2015** **Postdoctoral Research Fellow**, Signalling Networks in Cancer Group,
Cancer Research UK Manchester Institute, University of Manchester, UK
Project title: MLKs in melanoma and colon cancer
Group leader: Dr John Brognard
- 2006 – 2010** **PhD studentship**, CRUK Growth Factor Group, School of Biosciences,
University of Birmingham, UK
Title of PhD thesis: “Identification of novel components in fibroblast growth factor signalling”.
Supervisor: Prof. John Heath
- 2005 – 2006** **Socrates/Erasmus studentship**, Department of Medical Biochemistry and Molecular
Biology, University of Reims, France
Supervisor: Yanusz Wegrowski
Title of the project: “Biological activity of lumican”.
- 2004 – 2006** **Master student**, Institute of Biochemistry and Molecular Biology, Department of Cell
Pathology, University of Wrocław, Poland

GRANTS:

- 2020 - 2021** **Excellence Initiative (IDUB) programme**, project entitled: "The combination of MLK4 inhibition and chemotherapy in animal studies" amount 50 600 PLN, principal investigator
- 2019 – 2022** **SONATA** (National Science Centre), project entitled: "The importance of MLK4 signalling in the communication between breast cancer cells and tumour-associated macrophages", amount 1 303 398 PLN, principal investigator
- 2017 – 2019** **HOMING** (Foundation for Polish Science), project entitled "The role of MLK4 amplification in breast cancer progression - studies in 3D cell culture and *in vivo* models", amount 799 760 PLN, principal investigator
- 2015 – 2018** **FUGA** (National Science Centre), project entitled "The effect of increased MLK4 expression on breast cancer progression", amount 612 000 PLN, principal investigator

AWARDS:

1. **Team award for publication in Oncogene**, Medical University of Warsaw, 2019
2. **Poster prize sponsored by EACR**, 11th Annual ENBDC Meeting, Weggis, Switzerland, 2019
3. **Best poster presentation**, Polish Science Networks, Lodz, Poland, 2018
4. **Travel Grant** from Cell Signaling Technologies, 2018
5. **Travel Grant** from Biochemical Society, 2017
6. **3-year fellowship for Outstanding Young Researchers** from the Ministry of Science and Higher Education, Poland, 2016
7. **Poster prize**, CRUK MI Colloquium, Lancaster, UK, 2014
8. **Poster prize**, XIIIth Gliwice Scientific Meetings, Gliwice, Poland, 2009
9. **First prize for oral presentation**, BGRS Symposium, University of Birmingham, UK, 2009

INVITED SEMINARS AND ORAL PRESENTATIONS:

1. **3rd ReMedy International Scientific Mini-Symposium**, Centre of New Technologies, University of Warsaw, Poland, 2020
2. **10th Inhibitors of Protein Kinases**, International Union of Biochemistry and Molecular Biology Focused Meeting, Warsaw, Poland, 2019 - **invited speaker**
3. **Intercollegiate Department of Biotechnology and Medicine**, University of Gdansk and Gdansk Medical University, Gdansk, Poland, 2019 - **invited speaker**
4. **FASEB Meeting "Cell Signaling in Cancer: From Mechanisms to Therapy"**, Steamboat Springs, Colorado, USA, 2018 - **invited speaker**
5. **International Institute of Molecular and Cell Biology in Warsaw**, Poland, 2015 - **invited speaker**
6. **"On the tracks of signalling"**, Il Ciocco, Italy, 2009 - **oral presentation selected from abstract**
7. **Endotrack Annual Meeting**, Gent, Belgium, 2009 - **oral presentation**
8. **Endotrack Annual Meeting**, Cambridge, UK, 2007 - **oral presentation**

PARTICIPATION IN CONFERENCES:

EACR Virtual Conference: DNA Damage Responses and Cancer, 2020
 AACR Virtual Annual Meeting 2020 (part 1 and 2), 2020
 10th Inhibitors of Protein Kinases, Warsaw, Poland, 2019 - **oral presentation**
 11th Annual ENBDC Meeting, Weggis, Switzerland, 2019 - **poster presentation**
 2nd FNP Interdisciplinary Meeting, Warsaw, Poland, 2019 - **poster presentation**
 EMBO "Cellular signalling and cancer therapy", Cavtat, Croatia, 2018 - **poster presentation**

Polish Scientific Network, Lodz, Poland, 2018 - **poster presentation**
 Congress BIO2018, Gdansk, Poland, 2018 - **poster presentation**
 7th Norwegian Symposium „On tumor-host relationship”, Oslo, Norway, 2018 - **poster presentation**
 FASEB Meeting “Cell Signaling in Cancer: From Mechanisms to Therapy”, Steamboat Springs, Colorado, USA, 2018 - **oral presentation**
 2nd FNP Interdisciplinary Meeting, Warsaw, Poland, 2017 - **poster presentation**
 NCRI Cancer Conference, Liverpool, UK, 2015 - **poster presentation**
 EORTC-NCI-AACR “Molecular Targets and Cancer Therapeutics”, Barcelona, Spain, 2014 - **poster presentation**
 “Science. Polish Perspectives”, Oxford, UK, 2014
 MAP Kinases II, Vilnius, Lithuania, 2014 - **poster presentation**
 EMBO “Cellular signalling and cancer therapy”, Cavtat, Croatia, 2014 - **poster presentation**
 XVIIIth Gliwice Scientific Meetings, Gliwice, Poland, 2013 - **poster presentation**
 NCRI Cancer Conference, Liverpool, UK, 2013 - **poster presentation**
 AACR Annual Meeting, Washington, USA, 2013
 “Growth and proliferation: molecular regulators of cancer”, Oslo, Norway, 2011 - **poster presentation**
 “On the tracks of signalling”, Il Ciocco, Italy, 2009 - **oral presentation**
 “Molecular Mechanisms in Signal Transduction and Cancer”, Spetses, Greece, 2009 - **poster presentation**
 XIIIth Gliwice Scientific Meetings, Gliwice, Poland, 2009 - **poster and oral presentation**
 Endotrack Annual Meeting, Gent, Belgium, 2009 - **oral presentation**
 “Phosphorylation, signalling and disease” CSH Meeting, USA, 2009 - **poster presentation**
 Endotrack Annual Meeting, Cambridge, UK, 2007 - **oral presentation**
 “Signal Transduction” Cancer Research UK LRI Conference London, UK, 2007
 “Genes and Cancer” Warwick, UK, 2006

PARTICIPATION IN COURSES AND WORKSHOPS:

BD Flow Cytometry 2-day Workshop, Warsaw, Poland, 2020
 Flow Cytometry Workshop "Dobra praktyka cytometryczna- kurs podstawowy", Warsaw, Poland, 2019
 EMBO Course Mammary Gland Techniques, Heidelberg, Germany, 2018 - **poster/oral presentation**
 EMBO Management Course for Postdocs (22 hours), Heidelberg, Germany, 2017
 How to succeed in an ERC grant application Workshop, Imperial College London and PAS, Warsaw, 2017
 Technical workshops (Molecular Cloning Tools and Gene editing Workshops), Warsaw, Poland, 2016 - 2017
 Animal Experimentation Course (40 hours), PolLASA, University of Warsaw, Poland, 2016
 STREAM International Immuno-Oncology Summer School, Warsaw, Poland, 2016
 Home Office Course (Animal Licence under UK law, 30 hours), University of Manchester, UK, 2014
 Postdoctoral Career Development Day, London, UK, 2013 - **poster presentation**
 Teaching Development for Postgraduates Workshop, Birmingham, UK, 2008
 Endotrack High Throughput Technologies Workshop, MPI, Dresden, Germany, 2008
 Mass Spectrometry Workshop, Birmingham, UK, 2007
 Intellectual Property Workshop, Gent, Belgium, 2007
 The Coniston Programme: Personal and Team Skills for PhD students, UK, 2007

SOCIETY MEMBERSHIPS:

American Association of Cancer Research (2012 - present)
 European Association of Cancer Research (2009 - 2010; 2014 - present)
 Biochemical Society (2014 - present)

LANGUAGES:

Polish (native), English (fluent, Certificate in Advanced English), French (basic)

CAREER BREAKS:

2010 – 6-month travelling (Asia, Australia, Latin America)

2012 – 6-month Maternity Leave

2015 – 5-month Maternity Leave