

Dr Marzena Ciechomska

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**PROFFESIONAL QUALIFICATIONS**

- **December 2019 -November 2022 - Assistant Professor (Laureate of the Sonata Bis Program from NCN)** – “Potential clinical application of DNA methylation in early diagnosis and treatment of rheumatoid arthritis patients” - National Institute of Geriatrics, Rheumatology and Rehabilitation, Warsaw, Poland
- **December 2015 –November 2019 – Assistant Professor (Laureate of the Fuga Program from NCN)** – “Global analysis of miRNAs in monocytes from with rheumatoid arthritis and systemic sclerosis patients” - National Institute of Geriatrics, Rheumatology and Rehabilitation, Warsaw, Poland
- **July 2014 – November 2017 – Visiting Research Associate** – Newcastle University, Newcastle, UK
- **July 2014 – December 2015 – Research Fellow (Laureate of the Homing Plus Program from FNP)** – “Role of miRNA in fibrosis regulation in systemic sclerosis” – Institute of Immunology and Experimental Therapy, Wroclaw, Poland
- **September 2011 – June 2014 – Research Associate** – “Role of Toll-like receptors in matrix deposition and fibrosis development in systemic sclerosis”, “Regulation of ADAM17 in systemic sclerosis”, “Role of Fra-2 in TLR8-mediated TIMP-1 production in systemic sclerosis” projects – Newcastle University, Faculty of Medical Sciences, Musculoskeletal Research Group, Newcastle, UK
- **March 2010 – August 2011 – Research Associate** – “Joint auto-antigen extraction and presentation by B lymphocytes in an animal model of rheumatoid arthritis” – Newcastle University, Faculty of Medical Sciences, Applied Immunobiology and Transplantation Research Group, Newcastle, UK

EDUCATION

- **2006 – 2010 – PhD** – Applied Immunobiology and Transplantation Research Group, Faculty of Medical Sciences, Newcastle University, Newcastle, UK
- **2004 – 2006 – MSc** – Specialisation Biotechnology, Department of Immunology, Warsaw University, Warsaw, Poland
- **2005 – Practical training** – Nencki Institute of Experimental Biology in Laboratory of Molecular Bases of Aging, Warsaw, Poland
- **2001 – 2004 – BSc** – Specialisation Biotechnology, Department of Immunology, Warsaw University, Warsaw, Poland
- **2003 – Voluntary work** – Biochemistry and Biophysics Institute, Warsaw, Poland

GRANTS AND SCHOLARSHIPS

- **Principal Investigator** - 36 month Research Fellowship (Sonata Bis Program) funded by National Science Centre, National Institute of Geriatrics Rheumatology and Rehabilitation, Warsaw, Poland (2019-2022)
- **Principal Investigator** - EMBO Short Term Fellowship, EMBL Heidelberg, Germany (2016)
- **Principal Investigator** - 48 month Research Fellowship (Fuga Program) funded by National Science Centre, National Institute of Geriatrics Rheumatology and Rehabilitation, Warsaw, Poland (2015-2019)
- **Investigator** - 6 month project funded by the European Regional Development Fund - Operational Programme - Innovative Economy coordinated by the Supercomputing Centre at Wroclaw University of Technology (2015)
- **Principal Investigator** - 18 month Research Fellowship (Homing Plus Program) funded by Foundation for Polish Science, Institute of Immunology and Experimental Therapy, Wroclaw, Poland (2014-2015)
- **Principal Investigator** - 12 month Postdoctoral training funded by JGW Patterson Foundation, Newcastle University, Newcastle, UK (2013-2014)
- **Main Investigator** - 6 month Postdoctoral training, funded by Scleroderma Society, Newcastle University, Newcastle, UK (2013)
- **Main Investigator** - 12 month Postdoctoral training funded by JGW Patterson Foundation, Newcastle University, Newcastle, UK (2011-2012)
- **Main Investigator** - 18 month Postdoctoral training, , funded by JGW Patterson Foundation, Newcastle University, Newcastle, UK (2010-2011)
- **PhD student and Main Investigator** 3 year scholarship, , “A novel role for B cells in the induction of anti-tumour immunity” project, funded by Breast Cancer Appeal of Royal Victoria Infirmary, Newcastle University, Newcastle, UK (2006-2009)
- 1 year academic scholarship during BSc studies, funded by Warsaw University, Warsaw, Poland (2003)
- 1 year sport scholarship from Academic Sport Association, Warsaw, Poland (2002)

AWARDS AND RECOGNITIONS

- The scholarship for young outstanding investigators (ranked no 13 out of nearly 170 scholars) – Ministry of Science and Higher Education, Poland (2016-2019)
- Invited speaker for XII Annual Conference of Rheumatology, Kolobrzeg, Poland (2016)
- Laureate of 9 weeks Research Management and Commercialisation Program in Cambridge and Oxford Universities “Top 500 Innovators” funded by Ministry of Science and Higher Education, Poland (2015)
- Invited speaker for Mentoring and Coaching in Science Conference, Warsaw (2015)
- Weekly internship at Newcastle and Durham University as a part of Homing Plus partnership (2014)
- Laureate of “Skills Mentoring” program, Foundation for Polish Science, Poland (2014-2015)
- Invited speaker for Research Seminar, Utrecht Medical Centre, Utrecht, The Netherlands (2014)
- Distinction at The Biotechnology Young Entrepreneurs Scheme (Biotechnology YES), Manchester University, Manchester, UK (2011)
- First prize award for the best poster at the International Conference Postgraduate Research Day at Newcastle University, Newcastle, UK (2007, 2009)
- Numerous travel grants: 36rd European Workshop for Rheumatology Research, funded by European League Against Rheumatism (York, UK, 2016), 33rd European Workshop for Rheumatology Research, funded by European League Against Rheumatism (Prague, Czech Republic, 2013), 46th Annual Scientific Meeting of the European Society for Clinical Investigation, funded by European Federation of Immunological Societies (Budapest, Hungary, 2012), 31st European Workshop for Rheumatology Research, funded by European League Against Rheumatism (Amsterdam, Netherlands, 2011), Keystone Symposia, funded by British Society for Immunology (Utah, USA, 2009), 2nd European Congress of Immunology, funded by European Federation of Immunological Societies (Berlin, Germany, 2009)

ADDITIONAL ACADEMIC EXPERIENCE

- Invited expert for the national and international grants: French National Research Agency - ANR (France), National Centre for Research and Development (Poland)
- Article reviewer for *Rheumatology: Oxford Journals / Medicine, Plos One, Journal of Immunology*
- Co-organiser: Warsaw Science Festival, Warsaw, Poland (2016), Lower Silesia Science Festival, Wroclaw, Poland (2014, 2015), 49th BSI Congress, Glasgow, UK (2008) (stewarding), Symposium to commemorate the 50th Anniversary of the British Society for Immunology: Immune Recognition in Autoimmune Disease, Centre for Life, Newcastle, UK (2007) (stewarding), Post-grad symposium: Immunology North East, Newcastle University, Newcastle, UK (2008) (chair, sponsor finder)
- Supervision of under and postgraduate students at Newcastle University, UK (2012-2014) and at Institute of Immunology, Wroclaw, Poland (2014 – 2015)