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Aleksandra Bojarczuk

I am inspired by the following citation: "Life is worth living, says art, the beautiful temptress; life is worth knowing, says science"

EXPERIENCE

Associate Professor

Gdansk University of Physical Education and Sport || Gdańsk ||
01.03.2022

Head of R&D Department

AronPharma sp. z o.o. || Gdańsk || 01.01.2021 – 30.09.21
coordinating research projects, collaborations with external vendors, substantive support, cell culture, metabolic activity/proliferation assays, western blot, ELISA

Starszy Specjalista ds. Badań i Rozwoju

AronPharma sp. z o.o. || Gdańsk || 01.07.2020–31.12.2020
starting up the labs, conducting a research project, planning own research schedule, collaborations with external vendors

Postdoctoral Research Associate

The University of Sheffield || Sheffield || 2018 – 2019
testing novel therapeutic compounds using an *in vivo* zebrafish model of CMT2A-in collaboration with Takeda, writing supporting documents, genotyping, western blot, drug treatment assays on larval and adult zebrafish, cryosectioning, immunostaining, infection assays (*Staphylococcus aureus*)

Research Assistant

The University of Sheffield || Sheffield || 2012 – 2018
performing an ambitious programme of zebrafish and infection/inflammation biology research on the interaction between the immune system and a fungal pathogen, writing academic papers, flow cytometry, MultiSite Gateway® Three-Fragment Vector Construction design, OmniLog™ Phenotype Microarrays, cell culture, inflammation and infection assays using zebrafish/mice/drugs/*Cryptococcus neoformans*/*C. gattii*

Laboratory Technician

The University of Sheffield || Sheffield || 2009 – 2012
testing novel anti-inflammatory compounds in inflammation assays on larval zebrafish-in collaboration with GlaxoSmithKline, drug discovery-chemical libraries screen, writing supporting documents

Chromatography Analyst

Alcontrol Laboratories Ltd || Rotherham || 2007 – 2009
performing HPLC in UKAS accredited lab

Technician

Alcontrol Laboratories Ltd || Rotherham || 2006 – 2007
supporting lab staff

EDUCATION

PhD

in the Department of Infection and Immunity, The Medical School, The University of Sheffield, UK

*submitted my thesis 19 months before my deadline
2017-2020

MSc (Eng)

in the Department of Environmental Microbiology (Speciality: Ecological Engineering) in Faculty of Environmental Sciences and Fisheries, University of Warmia and Mazury in Olsztyn, Poland
2001-2006

LANGUAGES

- Polish- native
- English- full professional proficiency

Knowledge and intellectual ability

- in-depth knowledge of mechanisms governing immunological responses and infectious diseases
- good understanding of biological mechanisms underlying pathological processes and diseases
- hands-on experience in research methodology, e.g. live imaging and image processing, immunoblotting, immunostaining, phenotype microarrays, cryosectioning, ELISA, flow cytometry, animal genetic engineering, genotyping, cell culture, *in vivo* inflammation and infection assays, phlebotomy and blood prep
- knowledge of Microsoft Office, Graph Pad Prism, Image J, NIS Elements, Attune, Volocity, Omnilog
- critical thinking: developed new analytic approaches obtained through resilience, discussions with experienced peers and adaptations from available publications
- overseeing the entire development process of new products and programs within an organization; recently engaged in three main projects and their offshoots

Personal effectiveness

- experience in analysis of complex data while simultaneously working on several projects for academic and industry partners
- skilled in time management, which helped me to deliver research results, tools and writing to tight deadlines, and for a range of meetings
- committed to effective problem solving, self-reflection and continuous improvement
- generated descriptive product profiles to market properties
- responsible for the final revisions of all collateral content released by the business
- providing substantive support to a sales team
- experience of adapting own skills to new circumstances
- ability to work independently as well as part of a team to meet deadlines

Communication

- communicative at all levels
- managing literature surveillance including oversight of vendor literature searches and the interpretation and dissemination of key literature of the existing experimental approaches to the field; reading academic papers, journals and textbooks to keep abreast of developments
- good interpersonal, presentation and written skills; engagement in outreach activities, public speaking
- clear and concise in communicating information in teaching and supervision; research protocol, diet supplements leaflet and grant writing, applications to the Bioethics Committee for approval for clinical trials
- experience in delivering presentations in-house or at national/international meetings; presented at team meetings and to large audiences (e.g. The 10th International Conference on Cryptococcosis- Brazil, 2017)
- showed the ability to form and maintain good collaborations with opinion leaders and various stakeholders (GlaxoSmithKline, Takeda, University of Birmingham, University of Kent, Medical University of Gdańsk, Poznań University of Medical Sciences, Jagiellonian University in Cracow)

Engagement, influence and organisation

- lab manager, collaborations with external academics, teaching and supervision of GCSE, BMedSci and PhD students
- effective communication skills, both written and verbal, report, protocol and manuscript writing skills, the experience of delivering presentations in-house or at national/international meetings
- 13 publications (6 in impact factor journals, 2 in submission to impact factor journal and 3 pre-printed; 2 in no impact factor journals), manuscripts reviews
- proofreading, re-structuring and editing articles

I agree to the processing of personal data provided in this document for realising the recruitment process pursuant to the Personal Data Protection Act of 10 May 2018 (Journal of Laws 2018, item 1000) and in agreement with Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46/EC (General Data Protection Regulation).