

CURRICULUM VITAE

Izabela Anna Zawisza, Ph.D.

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IF 54.47 (see list of scientific publications)

3 patents granted and 3 patent pending

I define myself as scientist and businesswoman same time. My approach to science is driven by a need to contribute to society in a positive and scalable way. After about 10 years of experience in business and established sells of Nidiesque, nuev and OREKA brand as well as private label and R&D services of ProConChem, I have decided to face new challenge to keep my mind constantly in development mode. I have decided to start my habilitation research in neurobiology and the same completely change my field in science. Currently I work as a consultant and conduct my research in Nencki Institute of Experimental Biology PAS. In less than 2 months I managed to apply for my first patent in neurobiology field (medical diagnostics of depression). Hope, I will bring this technology to the market in the few next years.

Work experience

09/2020 – present – founder of the innovative cosmetic brand OREKA Laboratories (www.orekalaboratories.eu/en)

I have introduced ultra-ecological brand OREKA into EU marketplace during second phase of covid-19 pandemic. This unique experience have learned me how to prepare for uncertainty with strategic frameworks and lead company through crisis. I have learned to ask the right questions to make data-driven decision and improve business outcomes.

- Risk & Crisis Management
 - Product Management
 - Business Process Management
 - Project Management
 - International sales (EU marketplace)
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02/2015 – present – founder of the consulting, private label and R&D company ProConChem (www.proconchem.pl)

- Service Management
 - Life Sciences Consulting
 - Go-to-Market Strategy
 - Start-up Consulting
 - Business Strategy Consulting
 - Technical & Research Consulting
 - Regulatory environment for cosmetics and medical devices
 - Private Label
 - Good Manufacturing Practice (GMP)
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06/2018 – 05/2020 – President of the Board and co-owner of the R&D company **KF Niccolum sp. z. o.o.**

05/2015 – 06/2018 – R&D Laboratory Head, Member of the Board and co-owner of the R&D company **KF Niccolum sp. z. o.o.**

One of my first discoveries led to the establishment of a start-up company (KF Niccolum sp. z o.o.) which successfully introduced a series of cosmeceutics protecting allergic skin from nickel exposure and thereby preventing the symptoms of nickel allergy, estimated to impact 1 in 5 people worldwide. I have had an opportunity to lead a negotiation process of introducing Nidiesque cosmeceuticals into Australian, South America, as well as China marketplaces. I have had the pleasure to be a Principal Investigator of few scientific grants founded from UE as well as participate in an international joint research projects to investigate the effects smog and heavy metal pollution on population (China) as well as discovery of new antimicrobial materials (Australia).

- Team building, management & Business Development
 - Research commercialization & Technology Transfer
 - R&D & Innovation Management
 - Product Management
 - Balancing Innovation & Risk
 - Strategic Negotiation
 - International Sales
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04/2017 – 06/2018 – Principal investigator of the project: „**Development of the technology of obtaining chromium and cadmium chelating agents based on the synthesis of active biopolymers**” – RPMA UE grant, KF Niccolum sp. z o.o.

10/2016 – 10/2017 – Principal investigator of the project: „**Evaluation of the efficacy of innovative active substance against nickel allergy symptoms for dermocosmetic usage**” – RPMA UE grant, KF Niccolum sp. z o.o.

07/2015 – 08/2015 – International Internship in Biophysics Laboratory of **The Florey Institute of Neuroscience and Mental Health**, University of Melbourne, Melbourne (<http://www.florey.edu.au>)

02/2013 – 02/2015 – Principal investigator of the project: „**The impact of synthetic modifications of the histidine side chain on coordination properties of analogues of the N-terminal pentapeptide of Histatin 5 towards copper(II) ions**”, NCN grant PRELUDIUM in Institute of Biochemistry and Biophysics Polish Academy of Sciences, Warsaw (<http://www.ibb.waw.pl/en>)

06/2011 – 04/2014 – Member of the research team in project: „**Metal-dependent peptide hydrolysis. Tools and mechanisms for biotechnology, toxicology and supramolecular chemistry**”, FNP grant TEAM in Institute of Biochemistry and Biophysics Polish Academy of Sciences, Warsaw (<http://www.ibb.waw.pl/en>), position: PhD student, scholarship-holder in TEAM project Foundation for Polish Science

11/2010 – 05/2011 – Member of the research team in project: „**Metal-dependent peptide hydrolysis. Tools and mechanisms for biotechnology, toxicology and supramolecular chemistry**”, FNP grant TEAM in Institute of Biochemistry and Biophysics Polish Academy of Sciences, Warsaw, position: MSc student, scholarship-holder in TEAM project Foundation for Polish Science

08/2010 – Internee in **Pharmaceutical Research Institute**, Warsaw (<http://ifarm.eu/en/company>)

07/2010 – Internee in **National Medicines Institute**, Warsaw (<http://www.nil.gov.pl/index.php/o-instytucie?id=129>)

10/2009 – 06/2010 – Internee in **Laboratory of Stereo-controlled Organic Synthesis**, Faculty of Chemistry University of Warsaw

06/2009 – 09/2009 – Internee in **Isotope Laboratory**, Faculty of Biology University of Warsaw (<http://www.biol.uw.edu.pl/en/>)

Education

I have obtained a great experience in work with HPLC, ESI-MS, UV-Vis spectroscopy, CD spectrometry, potentiometry techniques, cosmetic chemistry and organic synthesis, especially peptide synthesis and microwave synthesis as well as biologic and neuro-biologic assays.

05/2022 – present – Habilitation Research in **Nencki Institute of Experimental Biology Polish Academy of Sciences**, Warsaw

04/2015 – 04/2017 – Postdoctoral Researcher in Institute of Biotechnology and Biophysics, Polish Academy of Sciences, Warsaw

06/2011 – 12/2014 – Institute of Biochemistry and Biophysics Polish Academy of Sciences, subject of the thesis: „**Impact of synthetic aminoacids on metal ions complexation and peptide bond hydrolysis.**” Doctor of Philosophy, in Biological Sciences in the field of Biophysics (02/12/2014)

10/2008 – 05/2012 – University of Warsaw, Faculty of Biology, major: biotechnology, subject of the thesis: „**Impact of zinc and zinc oxide nanoparticles of the growth and morphology of Pleurotus eryngii mycellium.**” Bachelor of Science (24/05/2012)

10/2006 – 05/2011 – University of Warsaw, Faculty of Chemistry, major: organic chemistry, subject of the thesis: „**Molecular interactions of planar complexes of Cu(II) and Ni(II) N-terminal pentapeptide Histatin 5 with aromatic rings.**” Master of Science in Chemistry (23/05/2011)

Awards

09/2021 – Polish Businesswomen Award for Dr Izabela Anna Zawisza and **OREKA biodegradable make-up removal**

10/2019 – **1st Award Innovator of the Mazovia region** for Dr Izabela Anna Zawisza and KF Niccolum,

06/2018 – The Micro-Entrepreneur of the Year 2017 for Dr Izabela Anna Zawisza and KF Niccolum, 1st Award of Inicjatywa Firm Rodzinnych (mikroprzedsiebiarcaroku.com)

11/2017 – **2nd Award for The most Innovative Polish Product of the Year 2017** for Dr Izabela Anna Zawisza and Niediesque Cosmeceuticals (RANKING POLSKIEGO RADIA)

06/2015 – Award of Institute Biochemistry and Biophysics Polish Academy of Sciences for the best Doctoral Dissertation in 2014

12/2014 – Doctoral Dissertation Honorable Mention

10/2013 – 10/2014 – scholarship award of the program „Development of science - development of the region - scholarship and Mazovian PhD student support”

Languages

Polish: Native proficiency
 English: Full Professional Proficiency
