

# RADOSŁAW JAKUB GÓRA

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BIOTECHNOLOGIST  
CELL BIOLOGIST  
HEALTH RISK ASSESSOR  
STATISTICAL DATA ANALYST

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## EXPERIENCE

### RESEARCHER

Joint Research Centre, European Commission  
Feb - Jul 2017

Development and validation of alternative methods to animal testing. In vitro models for toxicological profiling of chemicals.

### RESEARCH ASSISTANT

Department of Microbiology, Tumor and Cell  
Biology, Karolinska Institute | Oct 2016 - Feb 2017

Analysis of interactions between cells and extracellular environment in the process of cancer metastasis.

### RESEARCHER

Unit of Biostatistics, Karolinska Institute  
Sep 2015 - Jun 2016

Analysis of sensitivity of popular statistical tests to logarithmic transformations commonly used for data normalisation.

### ASSOCIATE EDITOR

Medicor MF Magazine | Sep 2015 - Jun 2016

Writing articles, editorial supervision, proofreading.

### GLOBAL DIGITAL AMBASSADOR

Karolinska Institute | Sep 2014 - Jun 2016

Assisting prospective students with an application process.  
Representing the Institute on the university digital platform.

### APPRENTICE

Laboratory of Signaling Proteins, Polish Academy  
of Sciences | Sep - Oct 2013

Examination of dopamine-stimulated p-ERK, NT3 and NGF proteins activity. Analysis of Toll-like receptors and their role in metabolic pathways engaged in immunological response.

### APPRENTICE

Department of Genetics, Wrocław University of  
Environmental and Life Sciences | Jul - Sep 2012

Analysis of mitochondrial DNA from animal species. Isolation of genomic DNA from plant tissues.

## LANGUAGE SKILLS

- English - bilingual proficiency
- Polish - native proficiency
- Russian - professional working proficiency
- Swedish - professional working proficiency
- French - limited working proficiency

## EDUCATION

### MASTER OF MEDICAL SCIENCES

Karolinska Institute | Aug 2014 - Jun 2016

Major: Toxicology (120 ECTS)

Language of instruction: English

Thesis grade: Pass with distinction

Thesis title: Nonlinear transformations in statistical data analysis for the life sciences: Breaking the myths

Graduate programme covering following subjects:

- molecular and biochemical toxicology
- epidemiology and health risk assessment
- cell biology and epigenetics
- histopathology, kinetics and biostatistics

### MOUSE HISTOLOGY TRAINING (5 ECTS)

University of Turku | Apr 2016 - May 2016

Language of instruction: English

- General mouse histology
- Histological samples preparation techniques

### BIOETHICS AND PSYCHOLOGY (30 CATS)

University of Oxford | Sep 2013 - May 2014

Language of instruction: English

- Bioethics and Introduction to Psychology
- The Number Mysteries

### BACHELOR OF SCIENCE

Wrocław University of Technology | Oct 2010 - Jun 2014

Major: Biotechnology BSc (210 ECTS); extracurricular courses in Medicinal Chemistry (30 ECTS)

Language of instruction: Polish and English

Overall grade: Very Good (Bardzo dobry, 5.0/5.5)

Thesis grade: Excellent (Celujący, 5.5/5.5)

Thesis title: Biocatalysed synthesis of chiral sulphonates

Undergraduate programme covering following subjects:

- chemical synthesis and drug design
- mathematical analysis, algebra
- microbiology, biochemistry, genetics
- molecular biology, genetical engineering, enzymology
- environmental protection, chemical technology
- quantum, physical and theoretical chemistry
- bioinformatics, statistics, spectroscopy, crystallography

## CERTIFICATIONS AND TEST SCORES

- **SWEDISH AS A SECOND LANGUAGE** (Svenska som andraspråk)  
Current level: Svenska som andraspråk 3 (Jan 2017)  
**SWEDISH FOR IMMIGRANTS** (Svenska för invandrare)  
SFI Nationellt Prov: Grade A  
Issue Date: Nov 2015
- **MILLER ANALOGIES TEST (MAT) - PEARSON EDUCATION**  
A standardized test for Graduate School Admissions  
Detailed Results:
  - 99th percentile for Total Group
  - 99th percentile for Intended Major (Biochemistry)Issue Date: May 2016
- **FELASA B COMPETENCE CERTIFICATE IN LABORATORY ANIMAL SCIENCE**  
European Commission License: Directive Function A,  
EU Nomenclature  
Issue Date: February 2015
- **INTERNATIONAL ENGLISH LANGUAGE TESTING SYSTEM (IELTS)**  
Overall Result: 8.0/9.0  
Detailed Results:  
Reading: 9.0/9.0; Listening: 9.0/9.0  
Speaking: 7.5/9.0; Writing: 7.0/9.0  
Issue Date: December 2013
- **CERTIFICATE IN ADVANCED ENGLISH (CAE) - CAMBRIDGE ENGLISH LANGUAGE ASSESSMENT**  
Issue Date: June 2011

## PROJECTS AND TRAININGS

- **INTERNATIONAL GENETICALLY ENGINEERED MACHINE (IGEM)**  
MIT: Stockholm team  
Karolinska Institute, KTH | Dec 2014 - Sep 2015  
Position: Head of the Modelling Team  
Project: ABBBA  
The Affibody-Based Bacterial Biomarker Assay  
Theoretical feasibility estimation of the project, aiming for finding a reproducible, specific, cheap and transferable biomarker that would allow for breast cancer detection at the early stage of the disease development.  
Awards: Gold Medal, Nomination for the best overgraduate project in the Health & Medicine track
- **EURL ECVAM TRAINING ON MODERN TOXICOLOGICAL SCIENCES**  
European Commission Joint Research Centre  
Ispra, Italy | May 2016

## VOLUNTEERING

- **TECHNICAL SUPPORT TEAM MEMBER**  
Mayo Clinic, Karolinska Institute | Sep 2015  
Member of the Technical Support Team during the 21st Annual Mayo Clinic and Karolinska Institute Joint Research Meeting  
Tasks:
  - Assisting incoming guests with the registration process and throughout the conference
  - Preparation of venues and technical assistance during guest presentation
- **AIESEC KYRGYZSTAN VOLUNTEER**  
Bishkek, Kyrgyzstan | Jul 2013 - Aug 2013  
Volunteer in the AIESEC United Universities of Bishkek "All About Summer" Programme  
Tasks:
  - Developing international relations, teaching basics of the English language
  - Showing variety of the world's cultures and sharing the idea of cultural tolerance through international teamwork in children summer camps
- **TRANSPORT TEAM MEMBER**  
Atlantic Council | Jun 2013  
Member of the Transport Team during the Wroclaw Global Forum  
Tasks:
  - Organisation and coordination of transportation for guests visiting the Forum

## ORGANISATIONS

- Amnesty International Poland
- AIESEC Local Committee Wroclaw UT
- Mensa International
- Oxford Philosophical Society

## SKILLS

- **Microsoft Office:** Word, Excel, PowerPoint
- **Operating systems:** Windows, Linux, MacOS, Android
- **Statistical software:** Stata, R, SAS
- **Web design:** HTML, Python
- **Graphical software:** Adobe InDesign, Adobe Photoshop
- **Music:** Professional degree in piano playing

## REFERENCES

- Prof. Matteo Bottai: matteo.bottai@ki.se
- Prof. Annika Hanberg-Wiklund: annika.hanberg@ki.se
- Cara Holland, MBA: cara.holland@alumni.duke.edu