

KLAUDIA CHMIELEWSKA



Interdisciplinary researcher, dedicated learner & a big fan of embracing change. Experienced in both theoretical & practical aspects of pharmaceutical drug design, from computational studies (ML, ADME, VirtScreen, meta-analysis, 3D molecular dynamics and docking), through synthesis, to clinical trials with cell cultures, lab animals & human studies.

Eager to communicate results on-site & online within Google Cloud, Powerpoint, Azure, with code-generated PDFs and HTML websites.



I hereby give consent for my personal data to be processed for the purpose of the recruitment process.

EDUCATION

- 2026
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2025
- Postgraduate studies in Agile Management**
Gdansk, Poland WSB Merito University
- Received a scholarship through Agencja Rozwoju Pomorza & EU funds
- 2025
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2018
- PhD in Chemistry**
Gdansk, Poland Gdansk Tech (Politechnika)
- PhD Interdisciplinary Thesis: "*Acridine/Acrifone dipeptidomimetic derivatives as anti-cancer therapeutics*" included computational, synthetic & biological studies aiming to design new selective drugs against cancer.
 - Been supported through grant POWER, InterPhDII scholarship, funded by the National Centre for Research and Development and the European Union Social Fund (POWR.03.02.00-IP.08-00-DOK/16)
 - Involved an internship with Prof G. Vistoli & A. Pedretti from University of Milan
- 2018
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2013
- Bachelor's & Master's in Biotechnology**
Gdansk, Poland Intercollegiate Faculty between Medical & classical Uni of Gdansk
- Started with cultivating bacteria, plants and fungi & then moved to human skin drafts to find new drugs against cancer and diabetes
 - Bachelor's Thesis: "*The assesment of toxicity profile of silver nanoparticles, based on in vitro tests involving human cell lines and model organisms - Arabidopsis thaliana and Caenorhabditis elegans*", Grant LIDER/32/36/L-2/10/NCBiR/2011
 - Master's Thesis: "*The effect of peptide fibrils containing GHK sequences on the activity of human skin cells*", Grant STRATEGMED1/235077/9/NCBR/2014

RESEARCH EXPERIENCE

- 2025
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2023
- Academic Researcher & Teacher**
Gdansk, Poland University of Gdansk, PL
- Active collaborator within PARC EU consortium
 - Dedicated teacher on new major called "Digital Chemistry"
 - Created her own classes from scratch (Omics, R coding, Python Exploratory Analysis, Machine Learning in Python & R, Drug Design with Coding, IT Project Management) in both Polish & English language



[View this CV online](#)

CONTACT

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 <https://www.linkedin.com/in/klaudia-chmielewska-drug-design/>
 <https://scholar.google.com/citations?user=w53q-tMAAAA>
 https://klaudiachmielewska.github.io/portfolio_1/main.html

LANGUAGE SKILLS

| | |
|----------------|--|
| R | |
| R Markdown | |
| Python | |
| English | |
| PDF generation | |
| Web Design | |
| Scrum | |
| Italian | |
| SQL | |
| JavaScript | |

2021

Visiting Research Scientist, Computational Drug Design

Milan, Italy

📍 University of Milan

- Honored to attend online lectures one semester before actual arrival for a 6-months internship
- Worked with Pharmaceutical Science Professors, Giulio Vistoli & Alessandro Pedretti, which is now an ongoing collaboration
- Already published 1 manuscript, in *Drug Discovery Today*, very respected journal in Pharmacology

**INDUSTRY EXPERIENCE**

2025

AI Tutor (freelancer)

online

📍 Outlier AI

- Worked extensively in projects aiming to prove that the company is worth of the investment from Meta (succesfully!)
- Tutored AI on complex tasks

2020

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2014

Science Communicator & Demonstrator

Gdansk, Poland

📍 Hevelianum

- Curated & conducted science shows, classes and festivities
- Learned how to be comfortable when presenting to a crowd of people
- Been employed there for longer than any other employee, left due to being overworked with PhD studies

2018

Educational Content Creator (chemistry & biology)

Gdansk, Poland

📍 NUADU

- Designed science lessons, games and tests for primary & high school students

**SELECTED PRESS (ABOUT)**

2025

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2023

Preprint with world class scientists

PARC consortium

📍 European Union

- <https://www.crd.york.ac.uk/prosperto/view/CRD420251008451>
- Developmental neurotoxicity study regarding natural pollutants & by-products of industrial processes

2022

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2021

Mentee in TopMinds programme

Warsaw, Poland

📍 Fulbright Foundation
Top500 Innovators

- <https://topminds.pl/szersza-perspektywa-klaudii/>
- Mentor: Izabela Sitkiewicz, SGGW Prof
- Worked closely with respected Professors & Industry figures

2016

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2014

President of Scientific Association Bio-Med

Gdansk, Poland

📍 Uni of Gdansk, PL

- <https://www.facebook.com/photo/?fbid=941963652487940>
- Actively managing and financing student projects, organising conferences & science fairs

RECOMMENDATIONS

Agnieszka Lalowska

Dr hab. Agnieszka Gajewicz-Skretna

Prof Giulio Vistoli

Prof Michal Pikula

ADDITIONAL COURSES

- *Experimental Animals Use - Professional Certificate*
- *Cosmetics - design, production and putting up for sale*
- *EUROPIN Summer School on Drug Design - Vienna*
- *Intro to R for Biologists (University of Cambridge)*
- *Intro to Machine Learning (Binghamton University)*
- *MolSim2023 Molecular Simulation Course*

*I made this CV myself!*Coding with [pagedown](#).

Last updated on 2025-10-23.