

Conor McKeon

M.Sc. Scientist - Molecular and Cellular Biology



I am an Irish researcher and recent Master's graduate, passionate about innovation in the field of cellular and genetic medicine. As a creative thinker and motivated problem solver, I am eager to apply my skills and experience to the development of advanced therapeutics.

EXPERIENCE

☐ Analytice April – July 2022 **Scientific and Technical Advisor** **43 Route du Polygone, Strasbourg**

In this role I developed and proposed tailored solutions to our client's requests for atypical analysis of a wide variety of samples including cosmetics, agri-food, and materials.

☐ Helmlinger Lab Jan – July 2022 **Trainee Researcher** **Montpellier Research Centre for Cell Biology**

My research involved the design, production, and transformation of plasmids in yeast to implement a Cre-Lox inducible mutation system, which I used to investigate the activity of the NuA4 co-activator complex in-vitro, and its role in gene regulation.

☐ Granier-Mouillac Lab Jan – July 2021 **Trainee Researcher** **Institute of Functional Genomics, Montpellier**

I performed mammalian and bacterial cell culture, protein purification and Native/ HDX Mass Spectrometry to study the key structural and mechanistic elements of the interactions between G protein-coupled receptors and bacterial leukotoxins.

☐ Pfizer Jun – Aug 2019 **Assistant to Director of Operations and Comms.** **New York, US**

As the recipient of the US-Ireland Council Scholarship Award, I earned this position with Pfizer Global Supply to oversee and address concerns from API and vaccine manufacturing sites worldwide.

📍 Strasbourg, France

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🌐 <http://www.linkedin.com/in/mckeon-conor>

🌐 <https://c-mckeon.github.io/>

🇬🇧 English - native language

🇫🇷 French - fluent

🇩🇪 German - beginner

PROFICIENCIES

- **Molecular biology techniques:** Plasmid editing, RNA/DNA extraction, transfection, nucleic acid electrophoresis, PCR, RT-qPCR, cell-line engineering.
- **Biochemistry techniques:** Protein HPLC and affinity purification, Chromatin Immunoprecipitation, SDS-PAGE, Western Blot, protein-based assays.
- **Instrumentation:** AKTA Pure HPLC, Mx3000P qPCR, Native & HDX-MS, NMR.
- **Data analysis:** Excel, GraphPad Prism, R-Studio, Linux command line tools.
- Aseptic cell-culture, media preparation and performance of cell-based assays.
- Design, production, purification, and analysis of tagged and modified proteins.

EDUCATION

MSc. Health-Biology 2020 – 2022 **University of Montpellier** **Mention Très Bien (1st Class Honours)**

Relevant modules:

- Genetic and epigenetic information
- Molecular bases of hereditary diseases
- Cellular communication and signaling
- Functional genomics
- Cell culture

BSc. Chemistry 2015 – 2019 **University College Galway** **1st Class Honours**

Relevant modules:

- Drug design and discovery
- Pharmacology and Toxicology