

Lucien SCHREIBER

PhD.

PERSONAL INFO

✉ lucien.schreiber1@gmail.com

☎ Phone number upon request

👤 lucenschreiber.com

EDUCATION

2019 - 2022 Marie Sklodowska-Curie Research Fellow (PhD)

2015 - 2019 Bachelor in Biomedical Engineering
First Class Honours

2013 - 2015 Leaving certificate
First Class Honours

SKILLS

Languages French ●●●●●
English ●●●●●
Italian ●●●

IT MS Word, Excel and PPT, R and Rmarkdown, LaTeX, Arduino, Python, C++, Sony Vegas Pro, Inventor, Autocad, GraphPad, Canva

Outdoor Remote Emergency Care 3 Level 2 Kayak Instructor
Event volunteer/organiser at Natural Games, Galway Fest and Brenta Rodeo

PROFESSIONAL ACHIEVEMENTS

- Engineers Ireland Biomedical Research Medal Finalist (Bini 2023)
- Medtronic Prize for best Medical Device research oral presentation (Bini 2022)
- Best poster presentation (ESB 2022)
- 2019 Medtronic Prize in Biomedical Engineering (1st place in final year BME)
- 2019 Creganna Medical Adrian Moran Award Finalist (for BME final year project)

SPORTS ACHIEVEMENTS

- 10th at the freestyle kayaking European Cup (Natural Games 2023)
- 74th at the extreme kayaking World Championships (King of the Alps 2023)
- Member of the Irish freestyle kayaking team from 2016 to 2019
- Member of the French freestyle kayaking team in 2015

EXPERIENCE

POLICY ANALYST

Apr 2024 – present

📍 *European Future Innovation System (EFIS) Centre*

- Draft research reports, policy papers and proposals for European funding programmes.
- Conduct policy studies, evaluations and impact assessments to provide evidence-based insights supporting public sector decision-makers.

POLICY ANALYST – BLUE BOOK TRAINEE

Oct 2023 – Feb 2024

📍 *DG Research & Innovation, European Commission*

- Reported on the impact of the EU research & Innovation programmes towards the development of hydrogen technologies in Europe since 2007.
- Analysed the impact of EU funding (FP7, Horizon 2020, and Horizon Europe).

RESEARCH ASSOCIATE

Sep 2022 – Jan 2023

📍 *Duffy Lab, University of Galway, Ireland*

- Researched about ischemic reperfusion injury during chemotherapy induced hair loss.
- Designed and tested soft robotic approaches to promote hair growth following chemotherapy.
- Wrote research reports, scientific articles and patents.

MARIE SKLODOWSKA-CURIE RESEARCH FELLOW (PhD)

2019 - 2022

DELIVERY of advanced therapies for Diabetes: <https://www.deliver-project.com/>

📍 *Explora Biotech, Venice, Italy | Sep 2019 – Mar 2021*

Assembled DNA and expressed, purified and quantified recombinant proteins.

📍 *Duffy Lab, University of Galway, Ireland | Mar 2021 – Sep 2022*

Developed implantable soft robotic drug delivery technologies to overcome the Foreign Body Response.

TOUR GUIDE

Summers 2017 - 2019

📍 *Abbey Ireland & UKs, 22 Bridge Street Lower, Dublin, Ireland*

- Led groups around Ireland, Northern Ireland and Scotland for up to 12 days.
- Provided groups of more than 50 people a safe and entertaining experience.
- Coordinated with bus drivers, restaurants, hotels and local guides.

RESEARCH INTERN

Jan 2018 – May 2018

📍 *Lehigh University, Bethlehem, Pennsylvania, US*

- Researched about injectable hydrogels for cartilage regeneration.
- Carried peptide synthesis, NMR, FTIR, rheology and cell culture.

PUBLICATIONS

[Google Scholar](#) | [Orcid](#)

European Commission, Directorate-General for R&I, Schreiber LH, "Contribution of the EU Research & Innovation programmes to the uptake of hydrogen in Europe", 2024 ([link](#)).

Beatty R*, Mendez KL*, [Schreiber LH*](#), et al. "Soft robot-mediated autonomous adaptation to fibrotic capsule formation for improved drug delivery". *Science Robotics*. 2023 Aug 30;8(81):eabq4821 ([link](#)).

Domingo-Lopez DA*, Lattanzi G*, [Schreiber LH*](#), Wallace EJ*, et al. "Medical devices, smart drug delivery, wearables and technology for the treatment of Diabetes Mellitus". *Advanced Drug Delivery Reviews*. 2022 Jun 1;185:114280 ([link](#)).

REFERENCES

References can be provided upon request.