

Patrick R. Lennard

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| ORCID: | 0000-0002-8390-0463 | Location: | Melbourne, Australia |

Professional Summary

PhD-qualified professional with a strong foundation in project management and international stakeholder engagement, leveraging 9+ years of experience in immunology and infectious disease research into clinical operations. Combining deep technical expertise with a proven track record in project coordination and budget administration (~\$250k in competitive funding). I am eager to apply my analytical and operational discipline to support the advancement of new therapeutics against AMR.

Key Skills

Regulatory compliance & biosafety (PC2/3) | ICH-GCP knowledge | Animal experimentation ethics
Project management | Budget & grant management | Stakeholder communication & engagement
Data analysis & interpretation | Infectious disease research | Research design and methodology
Evidence synthesis | Interdisciplinary collaboration | Professional communication & presentation

Relevant Experience

University of Edinburgh, Edinburgh, United Kingdom Sep 2022 – Apr 2025

Laboratory Supervisor

- Supervised laboratory operations for large cohorts of undergraduate students (Years 1-3), ensuring compliance with strict Health & Safety (HSE) protocols and Standard Operating Procedures (SOPs).
- Managed resource allocation and logistics for curriculum delivery in collaboration with senior academic staff, ensuring consistent standards were maintained across management changes.
- Managed administrative and assessment data, ensuring accurate and timely reporting of student metrics, portfolio management, and critical feedback from engagement.

Infectious Diseases and One Health Day Symposia, Tours, France Mar 2022 – Sep 2025

Programme Coordinator and Host

- Managed end-to-end project delivery for an international scientific symposium, managing critical project timelines, vendor negotiations, and third-party stakeholder communication.
- Hosted and coordinated the event operations of three annual symposia ([2022](#), [2023](#), [2024](#)) and concurrent project showcases, commencement and graduation ceremonies of student cohorts.
- Secured and administered ~\$75k in competitive funding from pharmaceutical stakeholders (e.g., Roche, Zoetis), ensuring budget adherence and reporting for sustainable conference continuity.

Education

University of Edinburgh, Edinburgh, United Kingdom Sep 2020 – Jun 2025

Universiteit Leiden, Leiden, Netherlands

Joint PhD, Integrated One Health Solutions

- Thesis: Empowering antibiotics using host defence peptide to fight antimicrobial resistance in epithelial and systemic infections.
- Managed a multi-site international research project, coordinating workflows to deliver solutions across different regulatory environments and ensuring data integrity for reproducibility and peer-reviewed publication.

Université de Tours, Tours, France Sep 2018 – Aug 2020

Universitat Autònoma de Barcelona, Barcelona, Spain

University of Edinburgh, Edinburgh, United Kingdom

Joint MSc, Infectious Diseases and One Health

- Thesis: Antimicrobial properties and immune modulation by mesenchymal stem/stromal cells in veterinary species.

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- Investigated the effect of intrauterine growth restriction on the immunomodulatory potential of porcine mesenchymal stem/stromal cells and pericytes.

University of Tasmania, Hobart, Australia

Jan 2013 – Dec 2017

BSc (Hons), Biotechnology and Medical Research

- Thesis: Identification and functional characterisation of Fc receptors in the Tasmanian devil.
- Developed and assessed novel vaccine components targeting the transmissible cancer, Tasmanian Devil Facial Tumour Disease, using in vitro immunological assays and optimised antigen presentation technologies.
- Facilitated the throughput optimisation of vaccine component development – from target gene identification, retrieval, validation, and integration into novel cellular assays.
- Supervised and coordinated the research projects of undergraduate students to expand the project capacity, designating receptor-ligand interactions for functional characterisation.

Leadership & Service

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| Associate Fellowship Higher Education Academy | 2024-present |
| President, Little France Postgraduate Society University of Edinburgh | 2022-2024 |
| Postgraduate Representative to the Academic Senate University of Edinburgh | 2022-2024 |
| Clinical Sciences Postgraduate Research Representative University of Edinburgh | 2022-2024 |
| Vice President of Finance International Student One Health Alliance | 2020-2021 |
| Secretary-General International Student One Health Alliance | 2019-2020 |
| Quality Committee Representative Erasmus Mundus IDOH Programme | 2018-2020 |
| Laboratory Representative, Student Committee University of Tasmania | 2017-2018 |
| Vice Chancellor's Leadership Award University of Tasmania | 2015 |

Recent Publications

- **Lennard PR**, Hiemstra PS, Dorin JR, Nibbering PH. SAAP-148 and halicin exhibit synergistic antimicrobial activity against antimicrobial resistant bacteria in skin but not airway epithelial culture models. *JAC-Antimicrobial Resistance* **2025**, 7(2), dlaf050.
- **Lennard PR**, Hiemstra PS, Nibbering PH. Complementary activities of host defence peptides and established antibiotics in combating antimicrobial resistant bacteria. *Antibiotics* **2023**, 12(10), 1518.
- van Gent ME, van der Reijden TJK, **Lennard PR**, de Visser AW, Schonkeren-Ravensbergen B, Dolezal N, Cordfunke RA, Drijfhout JW, Nibbering PH. Synergism between the synthetic antibacterial and antibiofilm peptide (SAAP)-148 and halicin. *Antibiotics* **2022**, 11(5), 673.

Additional Information

Languages: English (native), Spanish (proficient), French, Dutch, German, Mandarin (elementary)

Interests: Long-distance hiking & running | Travel | Cultural exchange | Science communication | Open source technology | Upcycling & DIY

References

Prof Julia Dorin
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Deputy Dean, Research Culture and Integrity
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Dr Stéphanie Germon
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