

# Patrick R. Lennard

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ORCID:	<a href="https://orcid.org/0000-0002-8390-0463">0000-0002-8390-0463</a>	Location:	Melbourne, Australia

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## Professional Summary

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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

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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

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*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

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*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

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- **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

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*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

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