

General

# Professor Barlow



An image of Prof Peter Barlow in front of a pale grey background. Peter is wearing a dark blue jumper with a checked shirt underneath. Peter wears glasses and has short brown hair with trimmed facial hair.

## Bio

Peter Barlow is Chair of Immunology & Infection, and Head of the Centre for Biomedicine & Global Health within the School of Applied Sciences at Edinburgh Napier University. His research interests lie in studying the human innate immune system with a view to developing novel therapeutics for infections. He is particularly interested in studying the activities of Host Defence Peptides (HDP), principally in the context of viral infections, such as influenza, rhinovirus, and dengue virus. He has a background in immunotoxicology, with a long-standing interest in the impact of particulate air pollution on the immune system and the inflammatory response.

Prof Barlow's appointment as a member of the COT expires on 30th May 2026.

## Personal Interest

**Category of Interest**

**Organisation / Body and Nature of Interest (period)**

|                                       |                                                                                                                                                                                                                                                          |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                       | Edinburgh Napier University (Current)                                                                                                                                                                                                                    |
| Direct employment                     | United States Centers for Disease Control and Prevention (US Government Agency) (2009-2011)                                                                                                                                                              |
|                                       | Policy officer at the Health Department, Scottish Government (2004-2005)                                                                                                                                                                                 |
| Consultancies and other fee-paid work | Consultancy Moredun Scientific Limited (Models of influenza infection) (2014)                                                                                                                                                                            |
| Clubs and other organisations         | Member of the British Society for Immunology                                                                                                                                                                                                             |
| Other personal interests              | Co-Founder of an emerging Edinburgh Napier spinout entity (PlusPEP). Future commercial focus around the application of Sodium Butyrate and/or vitamin D for the treatment of rhinovirus infection in humans<br><br>(International patent WO2021198691A1) |

## Non-personal interests

| <b>Category of Interest</b> | <b>Organisation / Body and Nature of Interest (period)</b>                                                                          |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Fellowships                 | Fellow of the Royal Society of Biology (current)<br><br>British Science Association Media Fellowship (2018), hosted by BBC Scotland |
| Other public appointments   | Chair of the Chief Scientist Office (Scotland) Clinical Academic Training Fellowship Committee (non-remunerated role)               |