Title

Honorific

First name

Middle name

Last name

Suffix

Job Titles

Takes PhD students

Staff Photo (please attach to email)

**Please select your college or any colleges you are affiliated to here.**

 Christ's College

 Churchill College

Clare College

 Clare Hall

 Corpus Christi College

 Darwin College

 Downing College

 Emmanuel College

Fitzwilliam College

 Girton College

 Gonville and Caius College

 Homerton College

 Hughes Hall

 Jesus College

 King's College

 Lucy Cavendish College

 Magdalene College

 Murray Edwards College

 Newnham College

 Pembroke College

 Peterhouse

 Queens' College

 Robinson College

 Selwyn College

 Sidney Sussex College

 St Catharine's College

 St Edmund's College

 St John's College

 Trinity College

 Trinity Hall

 Wolfson College

 Available for consultancy

Website URL

Biography

Key publications

Other publications

Research interests

Research supervision

Teaching

Other professional activities

Collaborators

**Classifications**

 Principal Investigators

 Clinicians

 Career Development Fellows

 Postdoctoral researchers

 PhD researchers

 Scientific support staff

 Other Scientific Collaborators/Scientists

 Steering committee

 Network Coordinator

 Active CIN Alumni

 CIN Alumni

**Research Themes**

 Autoimmunity and inflammation

 Cellular immune responses and immune regulation

 Clinical and translational immunology

 Immunity and host defences

 Immunogenetics

 Innate immunity

 Molecular and structural immunology

 Transplantation

**Departments and institutes**

 Cambridge Institute for Therapeutic Immunology & Infectious Disease (CITIID)

 Department of Clinical Biochemistry

 Department of Genetics

 Department of Physics

 MRC Toxicology Unit

 Division of Anaesthesia

 Babraham Institute

 MRC Biostatistics Unit

 Brain Mapping Unit, Department of Psychiatry

 John van Geest Centre for Brain Repair

 Department of Biochemistry

 Cardiovascular Epidemiology Unit

 NIHR Cambridge BRC Cell Phenotyping Hub

 Department of Chemistry

 Cambridge Institute for Medical Research

 Cancer Research UK Cambridge Research Institute

 Department of Chemical Engineering and Biotechnology

 Department of Clinical Neuroscience

 Department of Applied Mathematics and Theoretical Physics (DAMTP)

 Department of Engineering

 European Bioinformatics Institute

 NHS Department of Gastroenterology

 Gurdon Institute

 Department of Haematology

 Hutchison/MRC Research Centre

 Wellcome Trust-MRC Institute of Metabolic Science

MRC Laboratory of Molecular Biology

 Molecular Immunity Unit- Department of Medicine

 Department of Medicine

 Department of Obstetrics and Gynaecology

 Department of Paediatrics

 Papworth Hospital

 Department of Pathology

 Department of Physiology, Development and Neuroscience

 Department of Plant Sciences

 Department of Psychiatry

 Sainsbury Laboratory, University of Cambridge

 Wellcome Trust Sanger Institute

 Wellcome Trust-Medical Research Council Stem Cell Institute

 Centre for Trophoblast Research

 Department of Veterinary Medicine

 Department of Zoology

 Cambridge University Hospitals

 Department of Surgery

 Cambridge Institute of Public Health

**Keywords**

 Adaptive immunity

 Antimicrobial resistance

 Chlamydia

 IL-23

 Pyroptosis

 adhesion molecules

 Adjuvants

 Aging

 allergy

 Angiogenesis

 animal models

 antibodies

 antibody response

 antigen presentation

 antigen processing

 apoptosis

 arthritis/rheumatoid arthritis

 autoimmunity

 B cell receptor (BCR)

 B cells

 Bioinformatics

 Biomarkers

Biostatistics

 Cancer Immunology

 Cell surface molecules

 Chemokines/monokines

 Chemotaxis

 Chromatin

 Clinical immunology

 Co-stimulation

 Co-stimulatory molecules

 Complement

 Confocal microscopy

 Crohn's disease

 Cytokines

 Cytotoxic T cells (CTL)

 Cytotoxicity

 Dendritic cells

 DNA

 Eicosanoids

 endothelial cells

 Eosinophils

 Epigenetics

 Epithelial cells

 FACS

 Fc receptors

 fluorescence microscopy

 gamma delta T cells

 genetics

 Granulocytes

 Granzyme

 GWAS

 Genomics

 Heat Shock Proteins (hsp)

 helper T cells

 HLA

 Host-Pathogen Interaction

 human studies

 Hypoxia

 immune complexes

 Immunoglobulins

 immunohistochemistry

 Immunosenescence

 Immunotherapy

 Infection

 Inflammasome

 inflammation

 inflammatory bowel disease

 Innate Immunity

 Innate lymphoid cells (ILCs)

 Interferons

 interleukin

 Ischaemia

 lectins

 macrophages

 mast cells

 Mathematical models of the immune response

 memory cells

 Metabolism

 MHC

 Microbiota

 microRNA

 microscopy

 Mitochondria

 Molecular modeling

 monocytes

 Mucosal immunity

 Natural Killer Cells

 Necrosis

 Neuroimmunology

 Neutrophils

 nitric oxide

NMR

 NOD-like receptors

 Pathogen evolution

 pattern recognition receptors

 phagocytosis

 Pregnancy immunology

 Prions

 Protein structure

 Proteomics

 Randomised control trials

 regulatory T cells

 renal transplantation

 RNA

 Salmonella

 Salmonellosis

 Schistosomiasis

 Somatic hypermutation

 statistical analysis

 stem cells

 Structural biology

 systemic lupus erythematosus

 T cells

 T cell receptor (TCR)

 Toll-like receptors

 tolerance

 transplantation

 type 1 diabetes

 Unfolded protein response

 ulcerative colitis

 viruses

 vasculitis

 vaccines

 Zoonosis