

Hudson Institute at-a-glance



281
STAFF



176
STUDENTS



42
RESEARCH
GROUPS



250
RESEARCH
PUBLICATIONS

Hudson Institute is a leading Australian medical research institute recognised internationally for discovery science and translational research into inflammation, cancer, reproductive health, newborn health, and hormones and health.

We are leading developments in cell therapies, paediatric cancer and the human microbiome. Our worldwide scientific and medical collaborations provide a foundation for transformative healthcare programs across the globe.

Hudson Institute is a founding member of the Monash Health Translation Precinct with partners Monash Health and Monash University. Our close ties with clinicians and industry give us the ability to translate our discoveries into new preventative approaches, therapies and devices for patients.

Students at-a-glance

We nurture and inspire the next generation of scientists and clinicians by educating and training more than 170 students through our academic affiliation with Monash University.



66
POSTGRADUATE
AND HONOURS
STUDENTS
COMPLETED



176
STUDENTS
126 PHD
4 MASTERS
46 HONOURS



47
STUDENTS
WITH MEDICAL
TRAINING

Student figures, 2022

Student research

Honours and PhD students at Hudson Institute are trained by Australia's leading researchers.

Our students

- Are exposed to a unique collaborative environment involving leading researchers, clinicians and industry partners
- Undertake an extensive training program
- Develop life-long technical, communication and presentation skills
- Have access to world class research facilities
- Obtain a degree from Monash University – in top 50 globally
- Attend national and international conferences
- Publish their research (41 student first-author publications in 2022)
- Win prestigious prizes and awards
- Participate in an active and supportive social club, Hudson Institute Student Society (HISS).

How to enrol

All the information you need to enrol is on our website.
w: hudson.org.au/students/courses-available

Contact supervisors any time

Students are encouraged to contact and visit supervisors in their labs any time to discuss projects. Simply email the supervisor to arrange a time.

STEP 1: Find a project in the 2024 Postgraduate and Honours Research Projects booklet that you are interested in.

w: hudson.org.au/students/student-projects

STEP 2: Once you have identified a project, email the supervisor: "I am interested in your student project. Could I please arrange a time to visit you in your lab?"

Connect with us

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Centre for Innate Immunity and Infectious Diseases

Discovery and translational research in infection, cancer and inflammatory disease

2024

Centre for Innate Immunity and Infectious Diseases | Our supervisors



**Professor
Brendan Jenkins**
Cancer and Immune
Signalling



**Professor
Richard Ferrero**
Gastrointestinal Infection
and Inflammation



**Associate Professor
Michelle Tate**
Viral Immunity and
Immunopathology



**Professor
Paul Hertzog**
Regulation of Interferon and
Innate Signalling



**Professor
Elizabeth Hartland**
Innate Immune
Responses to Infection



**Associate Professor
Ashley Mansell**
Pattern Recognition Receptors
and Inflammation



Professor Philip Bardin
Respiratory and Lung
Disease



**Associate Professor
Jaclyn Pearson**
Host-Pathogen
Interactions



**Associate Professor
Kate Lawlor**
Cell Death and Inflammatory
Signalling



**Associate Professor
Michael Gantier**
Nucleic Acids and Innate
Immunity



**Associate Professor
Sam Forster**
Microbiota and Systems
Biology



Dr Wilson Wong
Structural Biology of Inflammation
and Cancer Research



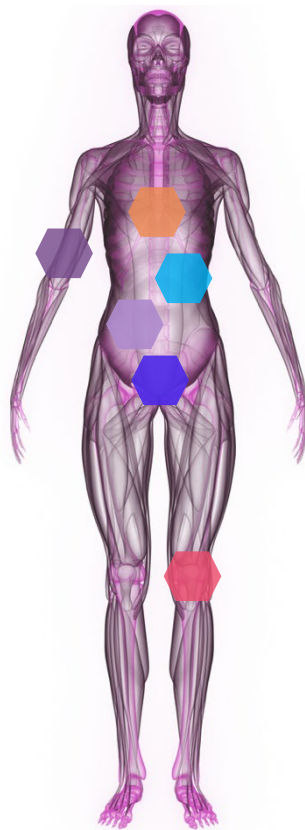
WHAT WE RESEARCH

Infections

COVID-19
HIV
Zika virus
Influenza
Helicobacter pylori
Enteropathogenic *E. coli* (EPEC)
Salmonella enterica serovars
Shigella spp.
Legionella spp. (Legionnaires' disease)
Burkholderia (melioidosis)
Herpes simplex virus
Human metapneumovirus
Respiratory syncytial virus

Inflammation

Sepsis
Arthritis
Systemic lupus erythematosus
Inflammation in cancer
Rare autoinflammatory diseases
Diabetes
Inflammation in infectious disease



Cancer

Stomach
Breast
Lung
Ovary
Pancreas

Gastrointestinal disease

Gastritis
Gastroenteritis / Diarrheal disease
Inflammatory bowel disease
Lymphoma

Women's health

Female reproductive tract infections,
cancers and inflammatory diseases

Respiratory disease

Asthma
Chronic obstructive pulmonary disease
Respiratory infections

For more information about our student projects:
Go to w: hudson.org.au/students/student-projects/ and search by supervisor name or theme