

Hudson Institute at a glance



267
STAFF



176
STUDENTS



45
RESEARCH
GROUPS



257
RESEARCH
PUBLICATIONS

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

We are 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.

Our 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.



68
POSTGRADUATE
AND HONOURS
STUDENTS
COMPLETED



176
STUDENTS
125 PHD
1 MASTERS
50 HONOURS



26
STUDENTS
WITH MEDICAL
TRAINING

Student figures for 2021

Student research

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

- Attend national and international conferences
- Publish their research (there were 37 student first author publications in 2021)
- Collaborate with leading researchers
- Undertake an extensive training program
- Regularly win prestigious prizes and awards
- Have opportunities to network
- Develop technical, communication and presentation skills
- 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 you are interested in, either in the 2023 Postgraduate and Honours Research Projects.

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

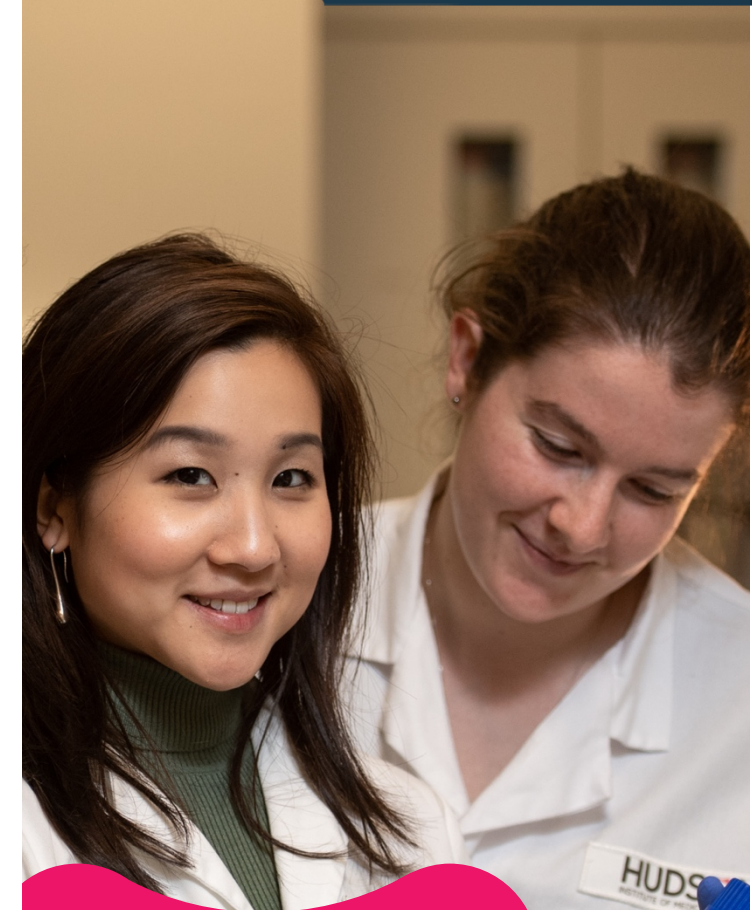
STEP 2: Once you have identified a project, email the supervisor: *"I am interested in your student project. Could I please arrange a time to visit you in your lab?"*

Connect with us

- hudson.org.au
- [HUDSONResearchAu](https://www.facebook.com/HUDSONResearchAu)
- [@Hudson_Research](https://twitter.com/Hudson_Research)
- [Hudson-research](https://www.linkedin.com/company/Hudson-research)
- [hudson_research](https://www.instagram.com/hudson_research)

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w: hudson.org.au



Centre for Innate Immunity and Infectious Diseases

Discovery and translational research in
infection, cancer and inflammatory
disease

2022

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 Philip Bardin
Respiratory and Lung Disease




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




Dr Jaclyn Pearson
Host-Pathogen Interactions

Dr Kate Lawlor
Cell Death and Inflammatory Signalling




Associate Professor Michael Gantier
Nucleic Acids and Innate Immunity




Dr Sam Forster
Microbiota and Systems Biology




Dr Wilson Wong
Structural Biology of Inflammation and Cancer Research

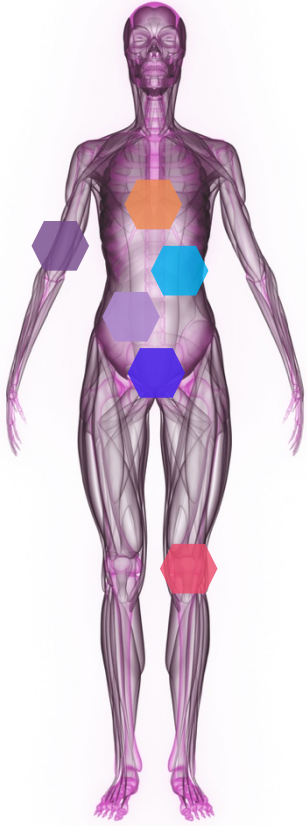


Infections

- 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

WHAT WE RESEARCH

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