

Hudson Institute at a glance



285
STAFF



158
STUDENTS



43
RESEARCH
GROUPS



285
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, 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 150 students through our academic affiliation with Monash University.



60
POSTGRADUATE
AND HONOURS
STUDENTS
COMPLETED



158
STUDENTS
113 PHD
6 MASTERS
38 HONOURS



31
STUDENTS
WITH
MEDICAL
TRAINING

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 41 student first author publications in 2020)
- 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 2021 Postgraduate and Honours Research Projects booklet or Research Projects database.

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

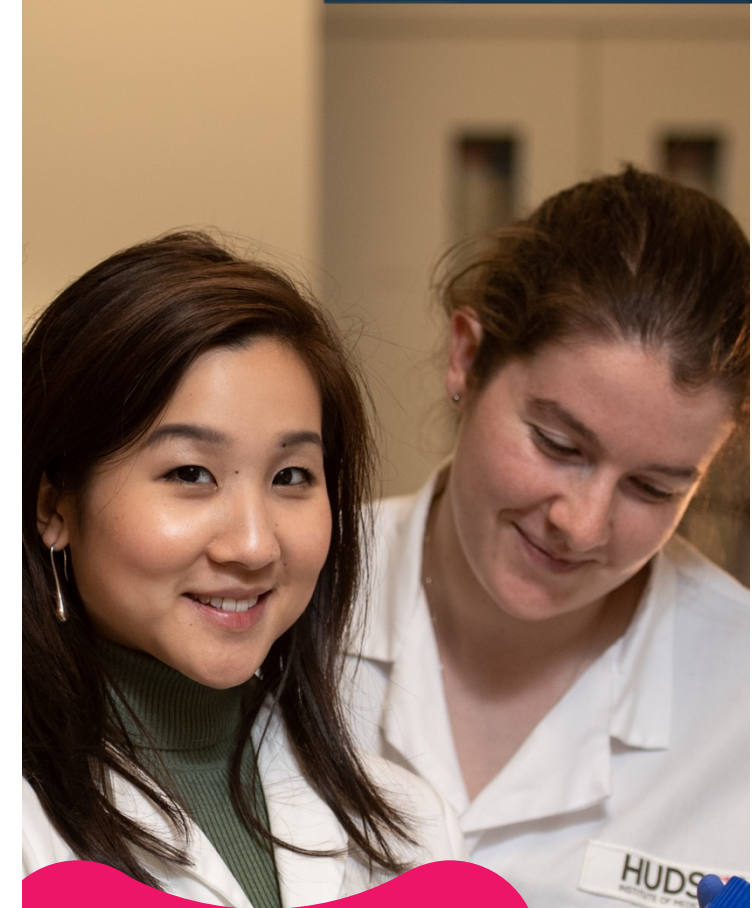
STEP 2: Once you have identified a project, email the supervisor: *"I am interested in your student project. Could I please arrange a time to visit you in your lab?"*

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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Centre for Innate Immunity and Infectious Diseases

Discovery and translational
research in infection, cancer and
inflammatory disease

CENTRE FOR INNATE IMMUNITY AND INFECTIOUS DISEASES | Our supervisors



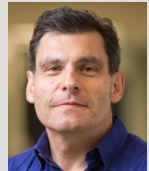
Professor Paul Hertzog
Regulation of Interferon and Innate Signalling



Professor Elizabeth Hartland
Innate Immune Responses to Infection



Professor Brendan Jenkins
Cancer and Immune Signalling



Professor Richard Ferrero
Gastrointestinal Infection and Inflammation



Associate Professor Ashley Mansell
Pattern Recognition Receptors and Inflammation



Associate Professor Michael Gantier
Nucleic Acids and Innate Immunity



Professor Philip Bardin
Respiratory and Lung Disease



Associate Professor Michelle Tate
Viral Immunity and Immunopathology



Dr Jaclyn Pearson
Host-Pathogen Interactions



Dr Kate Lawlor
Cell Death and Inflammatory Signalling



Dr Sam Forster
Microbiota and Systems Biology



Dr Anthony Sadler
Molecular Immunity



Dr Wilson Wong
Structural Biology of Inflammation and Cancer

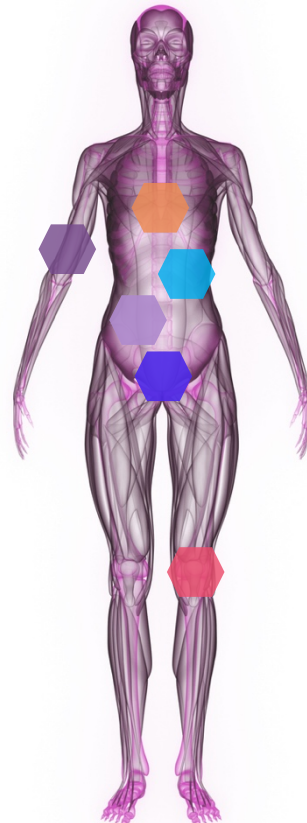


Infections

- 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
- Malaria

Inflammation

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



Cancer

- Stomach
- Breast
- Lung
- Ovary
- Pancreas
- Blood

Gastrointestinal disease

- Gastritis
- Gastroenteritis / Diarrhoeal 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