

# Hudson Institute of Medical Research



**262**  
STAFF



**170**  
STUDENTS



**43**  
RESEARCH  
GROUPS



**280**  
RESEARCH  
PUBLICATIONS

Hudson Institute is a leading Australian medical research institute recognised internationally for discovery science and translational research into inflammation, cancer, and women's and newborn 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.

Our 430 scientists, clinicians and graduate students come from around the world to pursue one mission – to make medical research discoveries that save and change lives. Located in the Monash Medical Precinct, our scientists work alongside clinical partners and industry colleagues and use advanced technology platforms to inform their research.

## Our students

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.



**63**  
POSTGRADUATE  
AND HONOURS  
STUDENTS  
COMPLETED



**170**  
STUDENTS  
129 PHD  
10 MASTERS  
31 HONOURS

2023/2024

## Student research

Honours and postgraduate 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
- 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](https://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 our 2025 Student Research Projects that you are interested in here  
**w:** [hudson.org.au/students/student-projects](https://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](https://hudson.org.au)
- HUDSONResearchAu
- Hudson\_Research
- Hudson\_Research
- Hudson Institute of Medical Research

## Contact us

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**HUDSON**  
INSTITUTE OF MEDICAL RESEARCH



**Centre for  
Cancer  
Research**

**2025**

## Centre for Cancer Research | Our supervisors



**Prof Ron Firestein**  
**Centre Head / Research Group Head**

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**Research Group Head**

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**Research Group Head**

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**Research Group Head**

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**Research Group Head**

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**Dr Claire Sun**  
**Bioinformatician**

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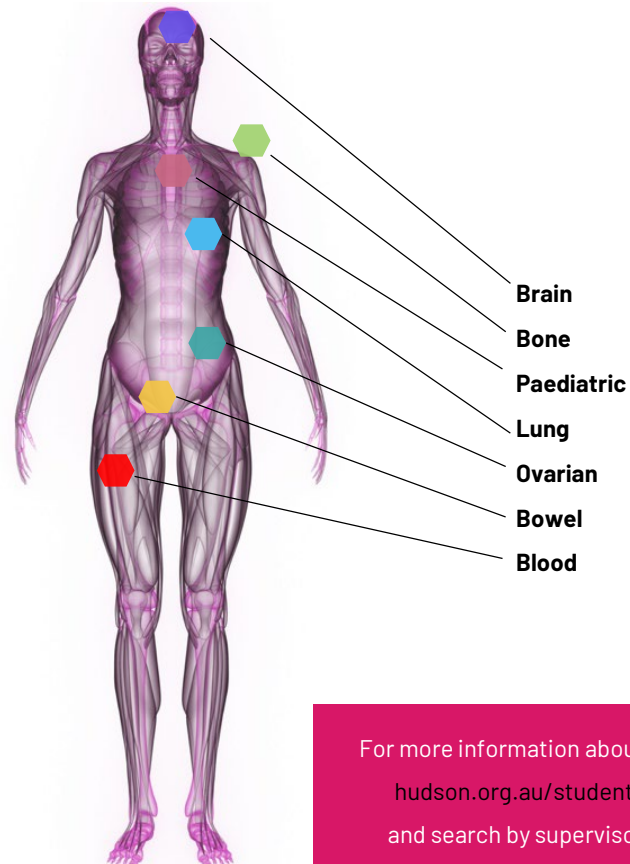
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**Dr Chunhua Wan**  
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For more information about student projects, visit [hudson.org.au/students/student-projects/](https://hudson.org.au/students/student-projects/) and search by supervisor name or suitability.

## What we do

Basic and translational research. We take laboratory discoveries to patients for real-world impact. This is through the co-location of researchers with clinicians, state-of-the-art technologies and a clinical trials centre.

Centre for Cancer Research scientists are at the forefront of cancer research discovery, innovation, and translation into cancer treatment. Their focus is on accelerating the next generation of personalised therapies for adult and paediatric cancers using a comprehensive approach including functional genomics and big data.

Scientists working in the Centre for Cancer Research undertake basic research into the molecular mechanisms underlying the development, growth and metastasis of tumours, as well as the relationship between the innate immune system and cancer. The discovery and development of novel therapies for the treatment of cancers is also an important aspect of the team's work.

## Student first author publications

In 2023 and early 2024, our students were first authors on the following research publications:

**Jasmine Chen** et al., MYC drives platinum resistant SCLC that is overcome by the dual PI3K-HDAC inhibitor fimepinostat. *J Exp Clin Cancer Res.* 2023, 42:100.

**Dilanka Fernando** et al., A STAT3 protein complex required for mitochondrial mRNA stability and cancer. *Cell Rep.* 2023, 42:113033.

## Student prizes and awards

In 2023 and early 2024, our students won prestigious prizes, awards and placements, including:

**Alice Figueiredo Camargos, Ihara (Shazia) Adjumain, Nishant Thakur, Yuqing Liang, Shaye Game** –

Accepted into the Industry Mentoring Network in STEM (IMNIS) 12 month industry-placement internship program