

Inflammation fact sheet

For more information contact

Rob Clancy

Communications and Media Manager

e: rob.clancy@hudson.org.au

m: 0408 579 313

HUDSON
INSTITUTE OF MEDICAL RESEARCH

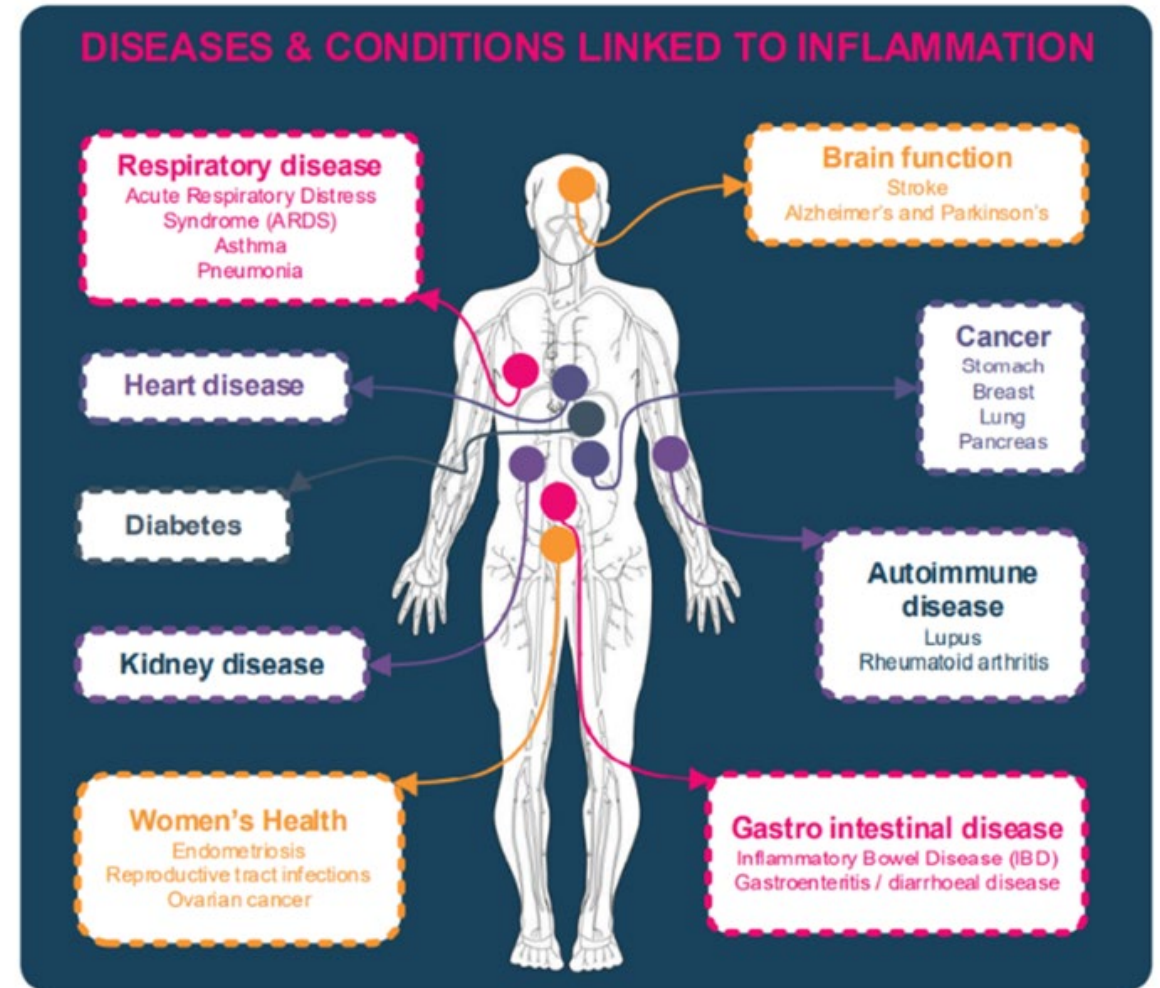


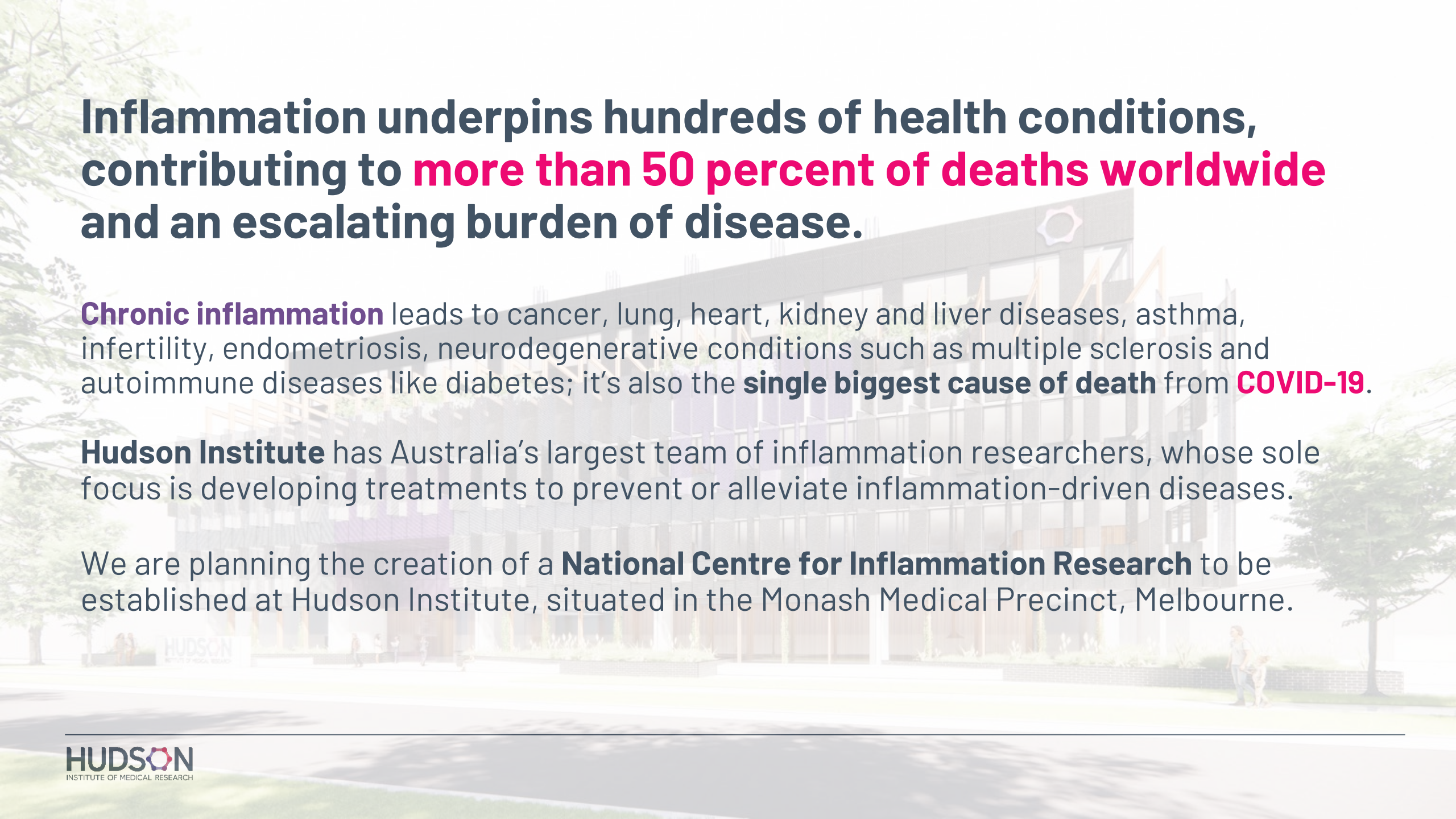
You are alive because of inflammation

It is your body's **natural response** to infection or injury.

In normal circumstances, inflammation eliminates foreign invaders (like bacteria or viruses) and damaged cells, to heal wounds within hours or days.

However, this **life-saving friend** can also become your **enemy**.



An architectural rendering of a modern, multi-story building with large glass windows and a dark facade. The building is set in a landscaped area with trees and a paved walkway. In the foreground, a person is walking a dog. The overall scene is bright and clear.

Inflammation underpins hundreds of health conditions, contributing to **more than 50 percent of deaths worldwide and an escalating burden of disease.**

Chronic inflammation leads to cancer, lung, heart, kidney and liver diseases, asthma, infertility, endometriosis, neurodegenerative conditions such as multiple sclerosis and autoimmune diseases like diabetes; it's also the **single biggest cause of death** from **COVID-19**.

Hudson Institute has Australia's largest team of inflammation researchers, whose sole focus is developing treatments to prevent or alleviate inflammation-driven diseases.

We are planning the creation of a **National Centre for Inflammation Research** to be established at Hudson Institute, situated in the Monash Medical Precinct, Melbourne.

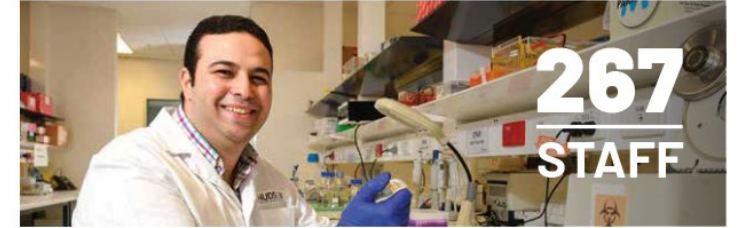
About Hudson Institute of Medical Research

Hudson Institute is home to 450 world-class scientists, clinicians and students pioneering outstanding discovery science and translational research.

As a leading Australian biomedical research institute, we convert scientific knowledge into new diagnostics, treatments, and cures.

Our researchers push the boundaries of scientific knowledge in five areas of human health

- Inflammation
- Reproductive health and pregnancy
- Infant and child health
- Cancer
- Hormones and health



Available for interview



Professor Elizabeth Hartland

Hudson Institute Director and CEO



Associate Professor Michael Gantier

Inflammation researcher and
mRNA specialist



**Professor Marcel Nold and
Associate Professor Claudia Nold**

Inflammation researchers