



Centre for
**Nanoscale
BioPhotonics**
ARC CENTRE OF EXCELLENCE

MEDIA RELEASE

www.cnbp.org.au

Monday 9th November, 2015

CNBP launch at Macquarie University

The ARC Centre of Excellence for Nanoscale BioPhotonics (CNBP) will officially launch its Macquarie University Research Node, at a formal event later today in Sydney.

A collaborative and multi-institutional initiative, the CNBP is focused on developing new light-based imaging and sensing tools, that can measure the inner workings of cells, in the living body.

“We’re focused on developing new tools, which can detect the incredibly small features on and inside biological cells, to see how the body is working,” says Jim Piper, Professor at Macquarie University and CNBP Node Leader. “It’s at the nanoscale that we operate, where the actions of atoms, molecules and proteins, determines the health and wellbeing of the individual.”

In helping launch the node, Professor Mary O’Kane, NSW Chief Scientist & Engineer said, “Physics, biomolecular sciences and nano-technology are key research strengths at Macquarie University.”

Professor Piper noted that over fifty researchers, staff and students from the University, spanning a wide range of disciplines, would contribute to CNBP activity.

Said Piper, “The technologies and tools that the team is developing will help us better understand a wide range of human related conditions and offer many opportunities for commercialisation, benefitting the Australian economy.

“Our research will create new windows into the body and will ultimately lead to important health outcomes for Australians, particularly in the areas of cardiovascular disease, chronic pain and reproduction.”

The Centre for Nanoscale BioPhotonics (CNBP) is an Australian Research Council Centre of Excellence, with research focused nodes at the University of Adelaide, Macquarie University and

RMIT University, and has an extensive network of international and industrial partners. It is a \$40m initiative with funding for seven years.

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IMAGES AVAILABLE:

Photo of Prof Jim Piper, CNBP Node Leader at Macquarie University: <https://flic.kr/p/zNksqB>

CNBP: The CNBP brings together physics, biology and chemistry, to explore the cellular and molecular environment of the living body. <https://flic.kr/p/zYJw95>

ABOUT:

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