# **Australia Partnering Awards**

## BBSRC's support for facilitating international collaboration with Australia

BBSRC's International Relations Unit (IRU) seeks to enhance BBSRC's influence and involvement at the forefront of international science, through taking advantage of international funding opportunities in the interests of BBSRC's scientific community and capitalising on international links, both at policy and scientific levels.

The Australia Partnering Awards have been established by BBSRC to specifically support UK-Australia collaborative activity. Australia Partnering Awards provide resources to leading BBSRC-funded researchers and groups, so that they are able to establish long-term relationships with Australian scientists in areas of research that are of direct relevance to BBSRC's current scientific strategy.

The first annual call for the Australia Partnering Awards scheme was announced by BBSRC in 2019. Awards of up to £50,000, covering a four-year period, have been awarded. This year, BBSRC has funded 4 Australia Partnering Awards, providing a financial contribution of approximately £185,775.

Funding from Australia Partnering Awards can be used to support exchanges of personnel and to access facilities and workshops, although no prescribed mechanisms have been set concerning how the award should be used. However, priority is given to proposals that aim to provide exchange opportunties to early career researchers and access facilities and expertise not currently available in the UK.

The expectation is that Australia Partnering Awards will enable researchers to establish collaborations that will lead to the submission of joint research proposals, either through UKRI or other funding organisations in the future.

A list of proposals that have been awarded by BBSRC in 2019 are shown below.

#### Contacts

Any queries regarding the Australia Partnering Awards scheme should be addressed to:

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## **PREVIOUS AWARDS 2020**

# 2020 Call

# Australia Partnering Award: International pooling for advanced cereal science - IPAC £47,000

| UK lead partner    | Dr Sarah McKim, University of Dundee                                   |
|--------------------|--|
| Australian partner | Eduardo Eryas, Australian National University; Mathew Lewsey, La Trobe |
|                    | University; Matthew Tucker, University of Adelaide                     |

## Australia Partnering Award: Reimagining phenotyping of food commodities at a single grain level

#### £50,000

| UK lead partner    | Professor Ian Fisk, University of Nottingham  |
|--------------------|---|
| Australian partner | Malcolm Hawkesford, Rothamsted Research; Martin Whitworth, Campden BRI; Simon Griffiths, John Innes Centre; Alan Marson, New-Food Innovation; Tim Kelf, Buhler Sortex Ltd; Anton van den Hengel, University of Adelaide |

# Australia Partnering Award: Delving down-under using advanced plant phenotyping to uncover how roots grown in hard soils

#### £49,500

| UK lead partner    | Professor Malcolm Bennett, University of Nottingham                    |
|--------------------|--|
| Australian partner | Kim Johnson, La Trobe University; Dabing Zhang, University of Adelaide |

## Using fish biodiversity to understand brain evolution

#### £39.275

| UK lead partner    | Professor Corinne Houart, King's College London |
|--------------------|---|
| Australian partner | Peter Currie, Monash University                 |

## 2019 Call

### Australia Partnering Award: Collaborating to better understand metabolism and ageing across model organisms

#### £22,190

| UK lead partner    | Professor Colin Selman, University of Glasgow                          |
|--------------------|--|
| Australian partner | Lindsay Wu, University of New South Wales; Stephen Simpson, University |
|                    | of Sydney; Craig White, Monash University                              |

## Developing novel tools to target the cytoskeleton in health and disease: a UK-Australia collaboration

## £50,000

| UK lead partner    | Professor Michelle Peckham, University of Leeds                              |
|--------------------|--|
| Australian partner | Daniel Mulvihill, University of Kent; Peter Gunning, University of New South |
|                    | Wales; Cristobal Dos Remedios, University of Sydney                          |

#### **BBSRC AUSTRALIA PARTNERING AWARDS 2020**

# Australia Partnering Award: Reengineering the rhizosphere for improved drought tolerance and food security

£50,000

| UK lead partner    | Professor Sacha Mooney, University of Nottingham |
|--------------------|--|
| Australian partner | lain Young, University of Sydney                 |

# Australia Partnering Award: Are wheat introgressions the breeders' friend or foe?

£40,180

| UK lead partner    | Professor Keith Edwards, University of Bristol |
|--------------------|--|
| Australian partner | David Edwards, University of Western Australia |

## Structural investigation of pesticidal proteins for insect control

£16,690

| UK lead partner    | Professor Colin Berry, Cardiff University |
|--------------------|---|
| Australian partner | Michelle Dunstone, Monash University      |

# Australia Partnering Award: Assessing the predictability of adaptive responses

£45,870

| UK lead partner    | Dr Max Reuter, University College London |
|--------------------|--|
| Australian partner | Tim Connallon, Monash University         |

#### From Peptides to Mimetics: Towards Smaller More Stable Drug-like Protein-protein Interaction **Inhibitors**

£45,350

| UK lead partner    | Professor Jody Mason, University of Bath |
|--------------------|--|
| Australian partner | David Fairlie, University of Queensland  |