2017 Development Grants for funding commencing in 2018

The Development Grants scheme provides financial support to individual researchers and/or research teams to undertake health and medical research within Australia at the proof-of-concept stage that specifically drives towards a commercial outcome within a foreseeable timeframe.

The Development Grants scheme supports the commercial development of a product, process, procedure or service that, if applied, would result in improved health care, disease prevention or provide health cost savings.

Research supported by this scheme must, via a commercial business plan, have detailed feasible strategies for commercialisation that takes into account the regulatory pathway, protectable Intellectual Property, commercial barriers and potential routes to market.

The applications listed in the table below have been approved for funding by the Minister for Health, the Hon Greg Hunt MP.

<table>
<thead>
<tr>
<th>App ID</th>
<th>Chief Investigators Names</th>
<th>Application Title</th>
<th>Administering Institution</th>
<th>Budget</th>
</tr>
</thead>
</table>
| APP1135421 | CIA - Doctor Brad Sleebs  
CIB - Professor Alan Cowman  
CIC - Doctor Paul Gilson  
CID - Doctor Justin Boddey  
CIE - Professor Vicky Avery | Optimisation of a potent and fast acting antimalarial class that is orally efficacious in vivo | The Walter and Eliza Hall Institute of Medical Research | $683,916.40 |
| APP1135682 | CIA - Professor Shudong Wang  
CIB - Associate Professor Robert Milne  
CIC - Professor Wayne Tilley  
CID - Associate Professor Elgene Lim | Development of a novel and highly selective CDK4/6 inhibitor for treating cancer | University of South Australia                      | $1,171,199.00 |
| APP1135686 | CIA - Professor Kim Cornish  
CIB - Professor Vicki Anderson  
CIC - Mr Jefferson Harcourt  
CID - Associate Professor Cathy Catroppa  
CIE - Doctor Hannah Kirk  
CIF - Mr Bill McIntosh  
CIG - Associate Professor John Reynolds | Interactive attention training technology to enhance cognitive skills in early life | Monash University                                 | $759,680.00 |
| APP1136027 | CIA - Doctor Jack Richards  
CIB - Associate Professor David Anderson  
CIC - Professor James McCarthy  
CID - Mr William Hopper | Development of a glucose-6-phosphate dehydrogenase/haemoglobin point-of-care test for malaria elimination | Burnet Institute | $560,608.00 |
| APP1136065 | CIA - Professor Justin St. John  
CIB - Doctor Matthew McKenzie  
CIC - Doctor Patrick Western  
CID - Professor Luk Rombauts | Improving oocyte mitochondrial DNA copy number to enhance female reproductive capacity | Monash University | $670,867.20 |
| APP1136067 | CIA - Associate Professor Timothy Mercer  
CIB - Associate Professor Marcel Dinger  
CIC - Professor David Thomas | Synthetic DNA standards for clinical genome sequencing | The Garvan Institute of Medical Research | $870,005.00 |
| APP1136278 | CIA - Professor Michelle Haber  
CIB - Professor Murray Norris  
CIC - Associate Professor Ian Street  
CID - Doctor Paul Stupple  
CIE - Doctor Jamie Fletcher  
CIF - Associate Professor Benjamin Solomon | Multidrug Resistance Protein 1 inhibitors to sensitise cancers to chemotherapy | University of New South Wales | $840,166.00 |
| APP1136351 | CIA - Associate Professor Charani Ranasinghe  
CIB - Professor Stephen Kent  
CIC - Professor Anthony Kelleher  
CID - Professor Damian Purcell  
CIE - Doctor Ronald Jackson | Mucosal human immunodeficiency virus vaccine late pre-clinical evaluation | Australian National University | $575,315.10 |
| APP1136365 | CIA - Professor Eric Reynolds  
CIB - Professor Stuart Dashper | Enamel remineralisation and prebiosis by a novel biomimetic system | University of Melbourne | $800,585.00 |
| APP1136903 | CIA - Professor James Paton  
CIB - Doctor Mohammed Alsharifi  
CIC - Professor Timothy Hirst | A serotype-independent, broad spectrum pneumococcal vaccine | University of Adelaide | $955,585.00 |
| APP1137011 | CIA - Doctor Irina Vetter  
CIB - Professor Richard Lewis  
CIC - Professor Maree Smith | Novel non-opioid analgesics | University of Queensland | $547,214.00 |
| APP1137171 | CIA - Professor Alastair Stewart  
CIB - Professor Spencer Williams  
CIC - Doctor Colin Barrett | Steroid-enhancing selective casein kinase inhibitors: first in class novel inhaled anti-asthma agents | University of Melbourne | $538,064.00 |
| APP1137508 | CIA - Doctor Justin Hamilton  
CIB - Professor Mark Sleeman  
CIC - Professor Harshal Nandurkar | Proof-of-concept studies for a novel anti-thrombotic agent | Monash University | $632,352.40 |
| APP1138110 | CIA - Doctor Thomas Oxley  
CIB - Doctor Nicholas Opie | Preclinical validation of first in man endovascular brain machine interface device | University of Melbourne | $870,000.00 |
| APP1139340 | CIA - Doctor Anushi Rajapaksa  
CIB - Associate Professor David Tingay  
CIC - Associate Professor Vera Ignjatovic  
CID - Doctor Ronda Greaves | Development of a rapid, non-invasive and biocompatible bedside sensing method for jaundice embedded in a newborn nappy | Murdoch Childrens Research Institute | $541,744.10 |
| APP1139609 | CIA - Doctor Mark Blaskovich  
CIB - Professor Matthew Cooper  
CID - Professor Karl Hansford  
CIE - Professor Jason Roberts  
CID - Professor David Paterson | Lipopeptide antibiotics for XDR gram-negative infections | University of Queensland | $994,897.15 |
| APP1139754 | CIA - Professor Paul Young  
CIB - Doctor David Muller  
CIC - Doctor Germain Fernando | Needle free delivery of dengue and Zika vaccines to the skin | University of Queensland | $642,792.40 |
| APP1139844 | CIA - Professor Philip Andrews  
CIB - Professor Ross Coppel  
CIC - Professor Anton Peleg  
CID - Doctor Warren Batchelor  
CIE - Doctor Melissa Werrett | Bismuth compounds and materials as antibacterial agents | Monash University | $476,535.20 |
| APP1139868 | CIA - Professor Stuart Crozier  
CIB - Doctor Jurgen Fripp  
CIC - Doctor Craig Engstrom  
CID - Doctor Benjamin Schmitt  
CIE - Doctor Shekhar Chandra | MR hip intervention and planning system to enhance clinical and surgical outcomes | University of Queensland | $668,068.80 |

**Total** | **$13,799,594.75** |