

## Biomedical Sciences and Bioinformatics #1

Chairperson: Dr Christian Gray

Time: 5-7pm Monday 26 October 2020

Zoom link: <https://uqz.zoom.us/j/85174755505>

| Time*  | Student First & Last Name  |                   | Project Title  | Principal Supervisor       | Host Organisation                         |
|--------|--|-------------------|--|----------------------------|---|
| 5:00pm | <b>Introductions and an overview of how the session will run</b> |                   |  |                            |   |
| 5:05pm | Jerry Jiawei   | Dong              | Characterisation of an endogenous neprilysin modulator using nuclear magnetic resonance spectroscopy | A/Professor Mehdi Mobli    | UQ Centre for Advanced Imaging            |
| 5:20pm | Amirah   | Etchegaray        | A literature review of genomic targeted therapies in cancer  | Dr Nicola Waddell          | QIMR Berghofer Medical Research Institute |
| 5:35pm | Sophia   | Kim               | Elucidating natural killer cell epigenetics induced by the cancer microenvironment                   | Dr Fernando S.F. Guimaraes | UQ Diamantina Institute                   |
| 5:50pm | Harpal & Sam   | Dhillon<br>Kahler | Automated freckling scores as an objective risk factor for melanoma                                  | Dr Brigid Betz-Stablein    | UQ Diamantina Institute                   |
| 6:10pm | Samuel   | Chua              | Review the completeness and accuracy of existing melanom risk score models                           | Dr Aideen McInerney-Leo    | UQ Diamantina Institute                   |
| 6:25pm | Liam   | Scanlon           | A literature review of long read sequencing in cancer  | Dr Nicola Waddell          | QIMR Berghofer Medical Research Institute |
| 6:40pm | Daniel   | Anfiteatro        | Boosting innate immunity against persistent bacterial sepsis   | Dr Fernando S.F. Guimaraes | UQ Diamantina Institute                   |

**\*Estimated times only – students must attend whole session**

If you have any difficulties joining this session please contact Megan Steele: [m.steele@uq.edu.au](mailto:m.steele@uq.edu.au) or 0473 028 725

## Biomedical Sciences and Bioinformatics #2

Chairperson: Professor Di Eley

Time: 5-7pm Monday 26 October 2020

Zoom link: <https://uqz.zoom.us/j/88395828997>

| Time*  | Student First & Last Name  |                         | Project Title   | Principal Supervisor                       | Host Organisation                                 |
|--------|--|-------------------------|---|--|---|
| 5:00pm | <b>Introductions and an overview of how the session will run</b> |                         |   |  |   |
| 5:05pm | Lilin  | Yang                    | Mapping genes to cell types   | Dr Ahmed Mehdi                             | UQ Diamantina Institute                           |
| 5:20pm | Isaac  | Carmichael              | Investigating microglial Tyrobp involvement in the development of the perinatal brain   | Dr Liviu Bodea and Professor Juergen Goetz | UQ Clem Jones Centre for Ageing Dementia Research |
| 5:35pm | Phil   | Frost                   | Mapping genes to cell types   | Dr Ahmed Mehdi                             | UQ Diamantina Institute                           |
| 5:50pm | Andrew   | Su                      | Next generation diagnosis of cancer biopsies by spatial proteomics and machine learning | Dr Quan Nguyen                             | UQ Institute for Molecular Bioscience             |
| 6:05pm | Matthew  | Delaney                 | Cell culture models for personalised medicine in patients with renal cell carcinoma     | Professor Glenda Gobe                      | Princess Alexandra Hospital                       |
| 6:20pm | Harjot & Tyler   | Mann<br>Ferdinands      | Investigating prognostic biomarkers in breast cancer                                    | A/Professor Peter Simpson                  | UQ Centre for Clinical Research                   |
| 6:40pm | Hussein  | Noureddine El Moussaoui | Cell culture models for personalised medicine in patients with renal cell carcinoma     | Professor Glenda Gobe                      | Princess Alexandra Hospital                       |

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## Clinical Research #1

Chairperson: A/Professor Calvin Smith

Time: 5-7pm Monday 26 October 2020

Zoom link: <https://uqz.zoom.us/j/87910398210>

| Time*  | Student First & Last Name  |          | Project Title  | Principal Supervisor | Host Organisation  |
|--------|--|----------|--|----------------------|--|
| 5:00pm | <b>Introductions and an overview of how the session will run</b> |          |  |                      |  |
| 5:05pm | Mustafa  | Al Saedi | Mobile Health for COPD   | Professor Ian Yang   | The Prince Charles Hospital, UQ Thoracic Research Centre |
| 5:20pm | Chieh Sheng  | Lin      | Pet Scan Timing in Lung Cancer   | Barbara Page         | The Prince Charles Hospital, UQ Thoracic Research Centre |
| 5:35pm | Yalin  | Yu       | Health Related Quality of Life in Lung Cancer Screening                | Dr Henry Marshall    | The Prince Charles Hospital, UQ Thoracic Research Centre |
| 5:50pm | E-tien   | Seah     | Novel Biomarkers in Lung Cancer  | Dr Kwun Fong         | The Prince Charles Hospital, UQ Thoracic Research Centre |
| 6:05pm | Paraskevi  | Georgiou | Comorbidities in lung cancer screening                                 | Dr Henry Marshall    | The Prince Charles Hospital, UQ Thoracic Research Centre |
| 6:20pm | Pei  | Zhang    | Novel Biomarkers in Lung Cancer  | Dr Kwun Fong         | The Prince Charles Hospital, UQ Thoracic Research Centre |
| 6:35pm | Nibal  | Hilal    | International Association for the Study of Lung Cancer Staging Project | Barbara Page         | The Prince Charles Hospital, UQ Thoracic Research Centre |
| 5:50pm | Andrew   | Ridings  | Computer Aided Detection of Nodules                                    | Dr Kwun Fong         | The Prince Charles Hospital, UQ Thoracic Research Centre |

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## Clinical Research #2

Chairperson: Dr Joan Li

Time: 5-7pm Monday 26 October 2020

Zoom link: <https://uqz.zoom.us/j/84792236526>

| Time*  | Student First & Last Name                                 |                        | Project Title  | Principal Supervisor  | Host Organisation                   |
|--------|---|------------------------|--|-----------------------|-------------------------------------|
| 5:00pm | Introductions and an overview of how the session will run |                        |  |                       |                                     |
| 5:05pm | Grace & Cindy & Kitty                                     | Pickering<br>Liu<br>Ji | Exploring fluctuations in fatigue symptoms in Multiple Sclerosis using N-of-1 methods      | Dr Suzanne McDonald   | UQ Centre for Clinical Research     |
| 5:30pm | Aarthi  | Sritharan              | Review of regional oximetry consults for infants with chronic neonatal lung disease        | Dr Jasneek Chawla     | Queensland Children's Hospital      |
| 5:45pm | Brielle   | Andreatidis            | Influence of Maternal Socio Dermographic Factors on Duration of Labour                     | Dr Thangeswaarn Rudra | Royal Brisbane and Women's Hospital |
| 6:00pm | Aidan   | Howard                 | An Evaluation of Sleep Problems in Children with Down Syndrome across Australia            | Dr Jasneek Chawla     | Queensland Children's Hospital      |
| 6:15pm | Rowan   | Pienaar                | Pediatric Code Stroke Systematic Review  | Dr Michaela Waak      | Queensland Children's Hospital      |
| 6:30pm | Dylan   | Kendrick               | Comparison of Sleep Problems in Children with Down syndrome and Autistic Spectrum Disorder | Dr Jasneek Chawla     | Queensland Children's Hospital      |

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## Clinical Research #3

Chairperson: Dr Ben Barry

Time: 5-7pm Monday 26 October 2020

Zoom link: <https://uqz.zoom.us/j/85002662543>

| Time*  | Student First & Last Name  |            | Project Title  | Principal Supervisor               | Host Organisation  |
|--------|--|------------|--|------------------------------------|--|
| 5:00pm | <b>Introductions and an overview of how the session will run</b> |            |  |                                    |  |
| 5:05pm | Eric   | Nguyen     | Does hyperuricemia accelerate the rate of progression of CKD?  | Clyson Mutatiri                    | Widebay HHS and Bundaberg Hospital   |
| 5:20pm | Alexandra  | O'Hare     | Integrating MRI and blood biomarkers to predict outcomes from traumatic spinal cord injury                           | Associate Professor Marc Ruitenber | UQ School of Biomedical Sciences   |
| 5:35pm | Michael  | Morkos     | Role of deep venous obstruction in recurrent varicose veins  | A/Professor Ramesh K Tripathi      | UQ Rural Clinical School   |
| 5:50pm | Michelle   | Duff       | Topical steroids for hyper granulation and over inflammation - kenacomb versus steroid alone                         | Dr Carl Lisec                      | Royal Brisbane and Women's Hospital, Professor Stuart Pegg Adult Burn Centre |
| 6:05pm | Varun  | Kumar      | Role of deep venous obstruction in recurrent varicose veins  | A/Professor Ramesh K Tripathi      | UQ Rural Clinical School   |
| 6:20pm | Raushan & Jesse  | Lala Baron | Peri-operative changes in the microcirculation and endothelial activation in predicting post-operative complications | Professor Mark Midwinter           | UQ School of Biomedical Sciences   |
| 6:40pm | Elizabeth Zhixin   | Goh        | Traumatic maxillofacial and brain injuries: A systematic review  | Dr Nigel Johnson                   | UQ School of Dentistry   |

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## Health Services and Public Health #1

Chairperson: Dr Liz Barber

Time: 5-7pm Monday 26 October 2020

Zoom link: <https://uqz.zoom.us/j/82590678029>

| Time*  | Student First & Last Name  |               | Project Title   | Principal Supervisor     | Host Organisation                     |
|--------|--|---------------|---|--------------------------|---------------------------------------|
| 5:00pm | <b>Introductions and an overview of how the session will run</b> |               |   |                          |                                       |
| 5:05pm | Malcolm  | Zou           | Audit of transfusion practices against Patient Blood Management guidelines in a tertiary paediatric institution     | Dr John Roy              | Queensland Children's Hospital        |
| 5:20pm | Saud A Y A   | Alyahya       | Symptom management in oncology outpatient care  | Natasha Roberts          | Royal Brisbane and Women's Hospital   |
| 5:35pm | Daniel   | Ng            | How can primary health care services contribute to preventable hospital admissions for urban Indigenous populations | Professor James Ward     | UQ Poche Centre for Indigenous Health |
| 5:50pm | Kate and Tara  | Fantin Nelson | Systematic review of genomics, proteomics and clinical markers associated with COVID-19                             | Dr Ahmed Mehdi           | UQ Diamantina Institute               |
| 6:10pm | Keunwoo  | Jeong         | How can artificial intelligence (AI) methods be used to improve health outcomes for urban Indigenous populations    | Professor James Ward     | UQ Poche Centre for Indigenous Health |
| 6:25pm | Daniella   | Cho           | Heat, Humidity and Health   | A/Professor Nick Osborne | UQ School of Public Health            |

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## Health Services and Public Health #2

Chairperson: Dr Angela Brandenburg

Time: 5-7pm Monday 26 October 2020

Zoom link: <https://uqz.zoom.us/j/89972860909>

| Time*  | Student First & Last Name                                 |                  | Project Title   | Principal Supervisor        | Host Organisation   |
|--------|---|------------------|---|-----------------------------|---|
| 5:00pm | Introductions and an overview of how the session will run |                  |   |                             |   |
| 5:05pm | Ishani  | Naik             | Critical review of medical service apps   | Dr Belinda O'Sullivan       | UQ Rural Clinical School  |
| 5:20pm | Cecilia   | Shim             | Developing an online health information resource to improve the health and wellbeing of autistic adults | Dr Katie Brooker            | UQ Queensland Centre for Intellectual and Developmental Disability, Mater Research Institute-UQ |
| 5:35pm | Jason   | Lin              | Supporting workers to stand up, sit less and move more  | A/Professor Genevieve Healy | UQ School of Public Health  |
| 5:50pm | Liang Xing  | Wang             | Assessing interaction and movement using device based measures  | Dr Bronwyn Clark            | UQ School of Public Health  |
| 6:05pm | Aathavan  | Shanmuga Anandan | Adverse effect of vaping and e-cigarette use  | Dr Gary Chan                | UQ Centre for Youth Substance Abuse Research  |
| 6:20pm | Albert  | Qiu              | A systematic review on the association between sedentary behaviour and mental health in young adults    | Dr Bronwyn Clark            | UQ School of Public Health  |
| 6:35pm | Kyle  | Williams         | Systematic review of data linkage studies involving data on social determinants of health               | Dr Megan Steele             | Queensland Centre for Mental Health Research  |

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## Social Sciences and Medical Education

Chairperson: Dr Nicole Shepherd

Time: 5-7pm Monday 26 October 2020

Zoom link: <https://uqz.zoom.us/j/82092906505>

| Time*  | Student First & Last Name  |             | Project Title  | Principal Supervisor                       | Host Organisation   |
|--------|--|-------------|--|--|---|
| 5:00pm | <b>Introductions and an overview of how the session will run</b> |             |  |  |   |
| 5:05pm | Andrew   | Dalton      | Researching the History of Disease Diagnosis and Treatment   | Ms Rebecca Lush                            | UQ School of Biomedical Sciences  |
| 5:20pm | Harine   | Siribaddana | Integrating electronic medical records to case-base learning to support digital literacy of medical students | Professor Mark Braunstein and Dr Ben Barry | UQ School of Clinical Medicine  |
| 5:35pm | Nadun  | Rajapaksa   | Public Health Exhibitions and the Cultural Sector: New Approaches from the Medical Humanities                | Dr Karin Sellberg                          | UQ School of Historical and Philosophical Inquiry, Institute for Advanced Studies in the Humanities |
| 5:50pm | Ting Sarah   | Lim         | Patient Satisfaction with Telemedicine use in a Hospital In The Home Service                                 | Dr Kate McCarthy                           | Royal Brisbane and Women's Hospital   |
| 6:05pm | Spinghar   | Yonus       | Student coping and health behaviours   | Professor Di Eley                          | UQ Office of Medical Education  |
| 6:20pm | Wilkin   | Chan        | Integrating electronic medical records to case-base learning to support digital literacy of medical students | Professor Mark Braunstein and Dr Ben Barry | UQ School of Clinical Medicine  |
| 6:35pm | Austin   | Kalirai     | How students engage in peer learning?  | Dr Pavla Simerska                          | UQ Office of Medical Education  |

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