

2018 Translational Research Innovation Awards

Project Title:

Queensland Bladder Cancer Initiative (QBCI)

Lead Investigator:

Dr Ian Vela

Clinician (Urology), Scientist, Mentor
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Collaborative Project Team:

A/Prof Elizabeth Williams

Scientist
QUT, TRI

Dr Amina Tariq

Scientist, New Researcher (less than 5 years)
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Dr Matt Trau

Scientist
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Clinician (Oncology)
PAH, QUT, TRI

Peter Morrison

CNC - Urology
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Project Summary:

Bladder cancer is common, deadly, and the most expensive cancer to treat (from diagnosis to death). It is the 9th most common cancer worldwide and affects both men and women (with a 3:1 ratio). We aim to tackle head on the challenge of Bladder Cancer through the establishment of the QBCI and the following aims.

Improved diagnosis – development of a non invasive “liquid” urinary biomarker to address the challenge of screening in addition to long-term surveillance of treated patients who are at high risk for developing recurrent bladder cancer.

Improved patient experience and outcomes via the formation of a networked community of practice with increased online social capital and consumer education and formation of a consumer bureau to contribute to a collaborative and relevant BICa research program.

Establishment of a Bladder Cancer Registry for identification of practice patterns for BICa in Queensland, thus enabling the identification of disparities in availability and treatment practices in different settings (metropolitan, regional, or remote; public versus private systems) with the goal of improving outcomes via increased equity of care. Establishment of a Bladder Cancer Multi-Disciplinary Team Meeting (MDT) to improve overall and complex patient care.

Research Benefits:

The overarching goal of the Queensland Bladder Cancer Initiative is to improve outcomes for people with bladder cancer by: improved patient awareness, knowledge and experience through social media/ online material and the consumer bureau/engagement forum. Improved care through database collection of bladder cancer care at PAH and QLD, and through a dedicated MDT meeting. Improved screening and monitoring of patients with bladder cancer through development of a non-invasive urinary test.

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