

Publications

Safety and tolerability of Miltuximab® - a first in human study in patients with advanced solid cancers, Dhanusha Sabanathan, Douglas H. Campbell, Vicki M. Velonas, Sandra Wissmueller, Hubert Mazure, Marko Trifunovic, Pirooz Poursoltan, Kevin Ho Shon, Tiffany R. Mackay, Maria E. Lund, Yanling Lu, Paul J. Roach, Dale L. Bailey, Bradley J. Walsh, David Gillatt, Howard Gurney. *Australia Oceania Journal of Nuclear Medicine and Biology* 2021; 9(2):86-100 <https://dx.doi.org/10.22038/aojnmb.2021.55600.1386>

Radioimmunotherapy for Solid Tumors – Spotlight on Glypican-1 as a Radioimmunotherapy Target, Dhanusha Sabanathan, Maria E Lund, Douglas H Campbell, Bradley J Walsh, Howard Gurney. Accepted in *Therapeutic Advances in Medical Oncology*.

Glypican-1 as a Target for Fluorescence Molecular Imaging of Bladder Cancer, Dmitry M. Polikarpov, Douglas H. Campbell, Alexander B. Zaslavsky, Maria E. Lund, Angela Wu, Yanling Lu, Ganesh S. Palapattu, Bradley J. Walsh, Andrei V. Zvyagin, David A. Gillatt. Under review at *International Journal of Urology*

A bispecific T cell engager targeting Glypican-1 redirects T cell cytolytic activity to kill prostate cancer cells, Maria E. Lund, Christopher B. Howard, Kristofer J. Thurecht, Douglas H. Campbell, Stephen M. Mahler, Bradley J. Walsh. *BMC Cancer*. 2020, 20: 1-13 doi: [10.1186/s12885-020-07562-1](https://doi.org/10.1186/s12885-020-07562-1)

RetroSPECT: Gallium-67 as a Long-Lived Imaging Agent for Theranostics, Dale L. Bailey, Dhanusha Sabanathan, Alireza Aslani, Douglas H. Campbell, Bradley J. Walsh, Nigel A. Lengkeek. *Asia Ocean J Nucl Med Biol*. 2021, 9(1): 1-8. doi: [10.22038/AOJNMB.2020.51714.1355](https://doi.org/10.22038/AOJNMB.2020.51714.1355)

The feasibility of Miltuximab®-IRDye700DX-mediated photoimmunotherapy of solid tumors, Dmitry M. Polikarpov, Douglas H. Campbell, Maria E. Lund, Yanling Lu, Yiqing Lu, Jiehua Wu, Bradley J. Walsh, Andrei V. Zvyagin, David A. Gillatt. *Photodiagnosis and Photodynamic Therapy* 2020, 15:102064 <https://doi.org/10.1016/j.pdpdt.2020.102064>

Near-Infrared Molecular Imaging of Glioblastoma by Miltuximab®-IRDye800CW as a Potential Tool for Fluorescence-Guided Surgery, Dmitry M. Polikarpov, Douglas H. Campbell, Lucinda S. McRobb, Jiehua Wu, Maria E. Lund, Yanling Lu, Sergey M. Deyev, Andrew S. Davidson, Bradley J. Walsh, Andrei V. Zvyagin and David A. Gillatt. *Cancers* 2020, 12(4): 984; [http://doi.org/10.3390/cancers12040984](https://doi.org/10.3390/cancers12040984)

Targeted beta therapy of prostate cancer with ¹⁷⁷Lu-labelled Miltuximab® antibody against glypican-1 (GPC-1), Mei-Chun Yeh, Brian W. C. Tse, Nicholas L. Fletcher, Zachary H. Houston, Maria Lund, Marianna Volpert, Chelsea Stewart, Kamil A. Sokolowski, Varinder Jeet, Kristofer J. Thurecht, Douglas H. Campbell, Bradley J. Walsh, Colleen C. Nelson and Pamela J. Russell. *EJNMMI Research* 2020, 10(1):46; <https://doi.org/10.1186/s13550-020-00637-x>

The Role of Glypican-1 in the Tumour Microenvironment, Maria E. Lund, Douglas H. Campbell and Bradley J. Walsh. *Advances in Experimental Medicine and Biology* 2020, 1245: 163-176; https://doi.org/10.1007/978-3-030-40146-7_8

Functionalized Upconversion Nanoparticles for Targeted Labelling of Bladder Cancer Cells, Dmitry M. Polikarpov, Luen Liang, Andrew Care, Anwar Sunna, Douglas H. Campbell, Bradley J. Walsh, Irina Balalaeva, Andrei V. Zvyagin, David A. Gillatt and Evgenii Guryev. *Biomolecules* 2019, 9(12): 820; <https://doi.org/10.3390/biom9120820>

Development of a reliable assay to measure glypican-1 in plasma and serum reveals circulating glypican-1 as a novel prostate cancer biomarker, Rachel A. Levin, Maria E. Lund, Quach Truong, Angela Wu, Neal D. Shore, Daniel R. Saltzstein, Raoul S. Concepcion, Thomas A. Paivanas, Arletta van Breda, Jennifer Beebe-Dimmer, Julie J. Ruterbusch, Sandra Wissmueller, Douglas H. Campbell and Bradley J. Walsh. *Oncotarget* 2018, 9(32): 22359–22367; <https://doi.org/10.18632/oncotarget.25009>

Detection of glypican-1 (GPC-1) expression in urine cell sediments in prostate cancer, Douglas H. Campbell, Maria E. Lund, Aline L. Nocon, Paul J. Cozzi, Mark Frydenberg, Paul De Souza, Belinda Schiller, Jennifer L. Beebe-Dimmer, Julie J. Ruterbusch, Bradley J. Walsh. PLoS ONE 2018, 13(4): e0196017; <https://doi.org/10.1371/journal.pone.0196017>

Glypican-1 as a Biomarker for Prostate Cancer: Isolation and Characterization, Quach Truong, Irene O. Justiniano, Aline L. Nocon, Julie T. Soon, Sandra Wissmueller, Douglas H. Campbell and Bradley J. Walsh. J Cancer 2016, 7(8): 1002-1009; <https://doi.org/10.7150/jca.14645>