
GlyTherix Peer Reviewed Publications

2021

Polikarpov, DM, Campbell, DH, Zaslavsky, AB, Lund, ME, Wu, A, Lu, Y, Palapattu, GS, Walsh, BJ, Zvyagin, AV & Gillatt, DA 2021, 'Glypican-1 as a target for fluorescence molecular imaging of bladder cancer', *International Journal of Urology*. <https://doi.org/10.1111/iju.14683>

Sabanathan, D, Lund, ME, Campbell, D, Walsh, B & Gurney, H 2021, 'Radioimmunotherapy for solid tumors: spotlight on glypican-1 as a radioimmunotherapy target', *Therapeutic Advances in Medical Oncology*, vol. 13, pp. 1-21. <https://doi.org/10.1177/17588359211022918>

Bailey, DL, Sabanathan, D, Aslani, A, Campbell, DH, Walsh, BJ & Lengkeek, NA 2021, 'RetroSPECT: Gallium-67 as a long-lived imaging agent for theranostics', *Asia Oceania Journal of Nuclear Medicine and Biology*, vol. 9, no. 1, pp. 1-8. <https://doi.org/10.22038/AOJNMB.2020.51714.1355>

Sabanathan, D, Campbell, DH, Velonas, VM, Wissmueller, S, Mazure, H, Trifunovic, M, Poursoltan, P, Shon, KH, Mackay, TR, Lund, ME, Lu, Y, Roach, PJ, Bailey, DL, Walsh, BJ, Gillatt, D & Gurney, H 2021, 'Safety and tolerability of Miltuximab®: a first in human study in patients with advanced solid cancers', *Asia Oceania Journal of Nuclear Medicine and Biology*, vol. 9, no. 2, pp. 86-100. <https://doi.org/10.22038/AOJNMB.2021.55600.1386>

2020

Lund, ME, Howard, CB, Thurecht, KJ, Campbell, DH, Mahler, SM & Walsh, BJ 2020, 'A bispecific T cell engager targeting Glypican-1 redirects T cell cytolytic activity to kill prostate cancer cells', *BMC Cancer*, vol. 20, 1214, pp. 1-13. <https://doi.org/10.1186/s12885-020-07562-1>

Polikarpov, DM, Campbell, DH, Lund, ME, Lu, Y, Lu, Y, Wu, J, Walsh, BJ, Zvyagin, AV & Gillatt, DA 2020, 'The feasibility of Miltuximab®-IRDye700DX-mediated photoimmunotherapy of solid tumors', *Photodiagnosis and Photodynamic Therapy*, vol. 32, 102064, pp. 1-9. <https://doi.org/10.1016/j.pdpdt.2020.102064>

Yeh, MC, Tse, BWC, Fletcher, NL, Houston, ZH, Lund, M, Volpert, M, Stewart, C, Sokolowski, KA, Jeet, V, Thurecht, KJ, Campbell, DH, Walsh, BJ, Nelson, CC & Russell, PJ 2020, 'Targeted beta therapy of prostate cancer with ¹⁷⁷Lu-labelled Miltuximab® antibody against glypican-1 (GPC-1)', *EJNMMI Research*, vol. 10, 46. <https://doi.org/10.1186/s13550-020-00637-x>

Polikarpov, D, Campbell, DH, McRobb, L, Wu, J, Lund, ME, Lu, Y, Deyev, SM, Davidson, AS, Walsh, BJ, Zvyagin, A & Gillatt, D 2020, 'Near-infrared molecular imaging of glioblastoma by Miltuximab®-IRDye800CW as a potential tool for fluorescence-guided surgery', *Cancers*, vol. 12, no. 4, 984, pp. 1-14. <https://doi.org/10.3390/cancers12040984>

Lund, ME, Campbell, DH & Walsh, BJ 2020, The role of Glypican-1 in the tumour microenvironment. in A Birbrair (ed.), *Tumor Microenvironment: Extracellular Matrix Components – Part A*. Advances in Experimental Medicine and Biology, vol. 1245, Springer, Springer Nature, Cham, Switzerland, pp. 163-176. https://doi.org/10.1007/978-3-030-40146-7_8

2019

Polikarpov, D, Liang, L, Care, A, Sunna, A, Campbell, D, Walsh, B, Balalaeva, I, Zvyagin, A, Gillatt, D & Guryev, E 2019, 'Functionalized upconversion nanoparticles for targeted labelling of bladder cancer cells', *Biomolecules*, vol. 9, no. 12, 820, pp. 1-11. <https://doi.org/10.3390/biom9120820>

2018

Levin, RA, Lund, ME, Truong, Q, Wu, A, Shore, ND, Saltzstein, DR, Concepcion, RS, Paivanas, TA, Breda, AV, Beebe-Dimmer, J, Ruterbusch, JJ, Wissmueller, S, Campbell, DH & Walsh, BJ 2018, 'Development of a reliable assay to measure glypican-1 in plasma and serum reveals circulating glypican-1 as a novel prostate cancer biomarker', *Oncotarget*, vol. 9, no. 32, pp. 22359-22367. <https://doi.org/10.18632/oncotarget.25009>

Campbell, DH, Lund, ME, Nocon, AL, Cozzi, PJ, Frydenberg, M, De Souza, P, Schiller, B, Beebe-Dimmer, JL, Ruterbusch, JJ & Walsh, BJ 2018, 'Detection of glypican-1 (GPC-1) expression in urine cell sediments in prostate cancer', *PLoS ONE*, vol. 13, no. 4, e0196017. <https://doi.org/10.1371/journal.pone.0196017>

2016

Truong, Q, Justiniano, IO, Nocon, AL, Soon, JT, Wissmueller, S, Campbell, DH & Walsh, BJ 2016, 'Glypican-1 as a biomarker for prostate cancer: Isolation and characterization', *Journal of Cancer*, vol. 7, no. 8, pp. 1002-1009. <https://doi.org/10.7150/jca.14645>