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JESSICA LOGAN

CURRENT POSITION Post-Doctoral Research Associate
Mechanism's in Cell Biology and Disease Research Group,
University of South Australia

EDUCATION AND QUALIFICATIONS Doctor of Philosophy (Medical Science), UniSA (conferred December 2016)
Thesis Title: Molecular mechanisms regulating venom production in Elapidae snakes.
Supervisors: Associate Professor Anthony Woods (University of South Australia), Professor R. Manjunatha Kini (National University of Singapore).
Bachelor of Laboratory Medicine (Honours), UniSA, 2010
First Class Honours (H1), Thesis Title: Regulation of venom production during the embryonic development of *Naja siamensis*.
Supervisor: Associate Professor Anthony Woods (University of South Australia).

ACADEMIC ACHIEVEMENTS Terumo Prize for Excellence in Laboratory Medicine with Honours (University of South Australia and Terumo). 2010

PROFESSIONAL ORGANISATION MEMBERSHIP	2011 - 2016	South Australian Herpetology Group
	2012 - Present	Australian Institute of Medical Scientists
	2012-Present	International Society of Toxinology
	2016 - Present	Australian Society for Medical Research (ASMR)
	2017-Present	American Society for Clinical Oncology (ASCO)

SCIENTIFIC PUBLICATIONS

Vonk, F.J., Casewell, N.R., Henkel, C.V., Heimberg, A.M., Jansen, H.J., McCleary, R.J.R., Kerkkamp, H.M.E., Vos, R.A., Guerreiro, I., Calvete, J.J., Wüster, W., Woods, A.E., **Logan, J.M**, et al. 2013, 'The king cobra genome reveals dynamic gene evolution and adaptation in the snake venom system', Proceedings of the National Academy of Sciences of the United States of America, vol. 110, no. 51, pp. 20651-20656. IP: 9.58; scientific journal rank Q1 (5.17), cites 345

Johnson, I ,R ,D, & **Logan, J,M** , 2019, ““Seeing is Believing.” Enhancing student engagement with dynamic protein-model visualization”, Biochemistry and Molecular Biology Education, vol. 47, no. 3, pp. 247-248. IP: 0.90; scientific journal rank Q3 (0.46)

Johnson, IRD, Sorvina, A, **Logan, JM**, et al. 2019, “A paradigm in immunochemistry, revealed by monoclonal antibodies to spatially distinct epitopes on syntenin-1”, International Journal of Molecular Sciences, Vol. 20, no. 23 . IP: 4.183; scientific journal rank Q1 (1.32)

Mutuku S,M, Trim, P, J, Prabhala, B, K, Irani, S, Bremert, K, L, **Logan, J, M**, et al., 2019, “Evaluation of small molecule drug uptake in patient-derived prostate cancer explants by mass spectrometry”, Scientific reports, vol.9, no.1, pp.1-11. IP: 4.011; Scientific journal rank Q1 (1.34), cited 1

Hopkins, AM, Rowland, A, **Logan, JM** & Sorich, MJ 2019, 'Primary predictors of survival outcomes for HER2-positive advanced breast cancer patients initiating ado-trastuzumab emtansine', BREAST, vol. 46, pp. 90-94. IP: 2.381; SJR: Q1 (1.4), cited 2

Modi, ND, Sorich, MJ, Rowland, A, **Logan, JM** et al. 2020, 'A literature review of treatment-specific clinical prediction models in patients with breast cancer', Critical Reviews in Oncology Hematology, vol. 148, article no.102908, pp. 1-8. IP: 5.012; SJR: Q1 (2.21)

Ruangleertboon, W, Sorich, MJ, **Logan, JM**, Rowland, A, Hopkins, AM, 2020, “The effect of proton pump inhibitors on survival outcomes in advanced hepatocellular carcinoma treated with sorafenib .” Journal of Cancer Research and Clinical Oncology, Journal of Cancer Research and Clinical Oncology, 1-5 . IP: 3.081; SJR: Q1(1.11)

SCIENTIFIC PRESENTATIONS

17th World Congress of the International Society on Toxinology, Honolulu, Hawaii, 2012.

4th Adelaide Cell and Developmental Biology Meeting, Australia and New Zealand Society for Cell and Developmental Biology, Adelaide, South Australia, 2014.

Australia Society of Medical Research, Adelaide, South Australia, 2015.
IST

South Australian Prostate Cancer Clinical Outcome Collaborative, 2018, invited speaker

19^h World Congress of the International Society on Toxinology, China, 2017. Seminar, poster & assessor of student presentations

PROFESSIONAL EXPERIENCE

Practical demonstrator, School of Pharmacy and Medical Sciences, UniSA . Histology (BIOL 2036), Professional Issues in laboratory medicine (MEDI 1009), Biochemistry (BIOL 2014), Clinical biochemistry (MEDI 4001), Molecular genetics (BIOL 2016), Histopathology and Cytology (MEDI 4005), Histotechnology (MEDI 3002) and Infectious diseases (MEDI 3003). 2011—present.

Lecturer, School of Pharmacy and Medical Sciences, University of South Australia.

Histopathology and Cytology (MEDI 4005), Cancer Biology (BIOL 3033) & Current Topics in Medical Research (MEDI 3014) . 2013—present

RESEARCH SUPERVISION

Recruited and Supervised numerous summer scholarship students including, Rachael Thomas, Rebekah Ward, Ashleigh Hocking, Kyla Mount, Veronica Ancheta, Amelia Mardon, Martin Zhang, Bukuru Nturubika and Kathy Lo.

I also assisted with the successful PhD applications for Lam Giang, Li Lok and Francesca Chilcott.

Co-supervised Amelia Mardon for her honours project. Received 1st class.

Co-supervisor of Phd students—Giang Lam and Ka Lok Li

RESEARCH I have contributed to successful funding applications for the following
FUNDING projects. We have raised approximately \$7,000,000.

2018-2019 Developing biomarkers and therapeutics for primary and metastatic lung cancer

Brooks DA, Dale B, Johnson I, Orgeig S, Parkinson-Lawrence E, O’Leary JJ, Selemidis S, Brooks RD, **Logan J M**, Sorvina A, Martino C, Olver I, Reynolds P, Lazniewska J, Ross D. UniSA RTIS – Seed funding 40,000.

2019-2020 Companion diagnostics and therapeutics for cancer

Brooks DA, O’Leary JJ, Brooks RD, **Logan JM**, Sorvina A, Martino C, Butler L, Johnson I, Selemidis S, Parkinson-Lawrence EJ, Orgeig S, Lazniewska J, Thomas C, Dale B, Reynolds P, Esterman A, Olver I. Envision Sciences Pty. Ltd. Translational Research Grant, 2019-20 \$3,626,666.

2018-2019 Understanding the biology of lung cancer initiation and progression

Orgeig S, Parkinson-Lawrence E, Reynolds P, Stringer A, Hoffman P, Brooks DA, **Logan JM**, Martino C, Sorvina A, Johnson I, Olver I, O’Leary J, Pursey P, Selemidis S and Bozinovski S. UniSA Cancer Research Institute Strategic Funding Grant. 2018-19 \$20,000.

2019-2022 UniSA Support Grant for Cancer Research Translation Programme

Brooks DA, **Logan JM**, Martino C, Sorvina A, Johnson I, Butler L, Selemidis S, O’Leary J, Pursey P. UniSA Division of Health Sciences (\$125,000/yr) and UniSA Innovation Services (\$283,000/yr). 2019-2022 \$1,632,000 (\$408,000/yr).

2020-2021 Endosomal biomarkers to define melanoma pathogenesis

Brooks DA, Logan J, Martino C, Sorvina A, O’Leary J, Karageorgos L, Rattigan Family Trust, \$33,330/ year.

2020-2021 Development Program: Biomarkers and therapeutics for prostate and other cancers

Brooks DA, O’Leary JJ, Brooks RD, **Logan J**, Sorvina A, Martino C, Butler L, Johnson I, Hickey S, Selemidis S, Parkinson-Lawrence EJ, Orgeig S, Lazniewska J, Thomas C, Dale B, Ung B, Bader C, Morrow I, Chappell N, Moore C, Reynolds P, Esterman A, Karageorgos L., Envision Sciences Pty. Ltd. Translational Research Grant Funding \$3,350,000.

2018 Cancer imaging infrastructure (Zeiss CD7 and Axioscan)

Brooks DA, O’Leary JJ, Selemidis S, **Logan J**, Sorvina A, Martino C, Bader C, Johnson I., Envision Sciences Pty. Ltd. Infrastructure Grant, \$555,500

COMMUNITY ENGAGEMENT	2019—present	Tour De Cure, SA Discovery Tour, Support Crew, raised \$4500 so far.
	2019	Cancer Voices Challenge
	2020	Flinders Foundation 12-hour ride for World Cancer day

REFEREES

Professor Doug Brooks

Group Head: Mechanisms in Cell Biology and Disease Research Group
University of South Australia
Telephone: (08) 8302 1229
E-mail: Doug.Brooks@unisa.edu.au

Mr Colin Gordon (Course coordinator for Histology, Histotechnology and Histopathology and Cytology)

Lecturer, School of Pharmacy and Medical Sciences
University of South Australia
Telephone: (08) 8302 2366
E-mail: Colin.Gordon@unisa.edu.au

Dr Litsa Karageorgos (MICBAD Research Group Coordinator)

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