

About Us


[> Governance](#)[> Investigators](#)[> Early Career Researchers](#)[> Students](#)[> Management Team](#)[Melissa Little](#)[Christine Wells](#)[Megan Munsie](#)[Verity McDonald](#)[Phil Marley](#)[Camille Shanahan](#)[Helen Braybrook](#)[Lauren Hill](#)[> Stemformatics Platform](#)[> Annual Reports](#)[> Job Opportunities](#)[> Resource Library](#)

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[Home](#) > [About Us](#) > [Management Team](#) > Melissa Little

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MELISSA LITTLE

Professor Melissa Little is the Stem Cells Australia Program Leader.



Professor Melissa Little

Based at the Department of Paediatrics at the University of Melbourne and the Murdoch Children's Research Institute, Melissa brings a wealth of experience to her role and has a strong vision for the future of Australian science in stem cell research.

Melissa will lead research aimed at the differentiation of hESC to nephron progenitors. This will include the generation of new reporter cell lines and the establishment and screening of natural product libraries for small molecules able to induce kidney development. She will also provide her expertise in developmental systems biology, stem cell biology and her intellectual property with regard to renal development, disease and regeneration. As a member of the NIH Genitourinary Development Molecular Atlas Project, she will also contribute extensive existing data on the gene expression of the nephron progenitor niche to guide decisions within the project related to approaches for differentiation and maintenance of this population.

ABOUT US

- > Governance
- > Investigators
- > Early Career Researchers
- > Students
- > Management Team
- > Stemformatics Platform
- > Annual Reports
- > Job Opportunities
- > Resource Library

OUR RESEARCH

- > Regenerative Medicine
- > Disease Modelling
- > Designer Cells
- > Engagement, Ethics and Policy Program
- > Accelerated Research Program
- > Previous Research Programs

ABOUT STEM CELLS

- > For Patients
- > Stem Cell Clinical Trials
- > FAQs
- > Terminology

NEWS & EVENTS

- > News
- > Press Releases
- > What's On?

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