

Sesiones Clínico-Básicas Servicio de Oncología

Lunes 22 de mayo 2023; 16:00 h – 17:00 h; Salón de Actos – Edificio Materno Infantil

“UNRAVELLING A COMPLEX CONVERSATION WITHIN THE TUMOUR MICROENVIRONMENT”

A/Prof. Tracy Putoczki



The onset and progression of cancer occurs in parallel with alterations in the surrounding tumour microenvironment; however, most anti-cancer therapies specifically target only the cancer cells.

Our improved understanding of the importance of the tumour microenvironment to cancer progression and treatment response has been accompanied by heightened efforts to characterise cytokines and exploit their signalling networks to develop new cancer treatments. Our laboratory is at the forefront of research defining how the IL6 family of cytokines mediate the conversations that occur within complex tissue ecosystems.

A/Prof Putoczki completed her undergraduate research training at the University of Toronto, Canada, her PhD in Molecular Biology and Biochemistry at the University of Canterbury, New Zealand and her postdoctoral training at the Ludwig Institute for Cancer Research, Australia. Her laboratory has received continuous support from multiple (inter)national funding bodies, which has enabled publications in top tier journals including *Cancer Cell*, *Immunity*, *Nature* and *Cell*.

A/Prof Putoczki is a laboratory head in the Personalised Oncology Division at the Walter and Eliza Hall Institute of Medical Research, Australia and holds honorary appointments at the University of Melbourne. She is a Sylvia & Charles Viertel Charitable Foundation Senior Medical Research Fellow and recipient of the inaugural Australian Society of Medical Research Peter Doherty Leading Light Award.