

GCOS25 Global Research and Basic Science Workshop
30th October 2025 – University of Cape Town

08:30 - 09:15	Registration and Coffee
09:15 - 09:25	Welcome Susan Dent (USA) and Sandrine Lecour (RSA)
09:25 - 09:45	Chairs: Dinesh Thavendiranathan (Canada) and Sharon Prince (RSA)
	Keynote Lecture: Prof Alexander Lyon (UK) <ul style="list-style-type: none"> Cardio-Oncology Research - Scientific priorities going forward
Session 1: Cardio-oncology in Africa	
09:45 - 11:00	Chairs: Andrew Sarkin (SA) and Prof Giulio Pompilio (Milan, Italy) <ul style="list-style-type: none"> Inflammation and thrombotic risk in cancer patients: understanding the mechanisms Ana-Mart Engelbrecht (Stellenbosch, RSA) Lipoproteins and cardio-oncology: What is the link? Carmelita Abrahams (UCT, RSA) Traditional African Plants: Any benefits in cardio-oncology? Rabia Johnson (SA MRC, RSA)
11:00 - 11:30	Tea/coffee
Session 2: Novel insights in Cardio-oncology	
11:30 - 12:45	Chairs: Christine Brezden-Masley (Canada) and Luiz Zerbini (RSA) <ul style="list-style-type: none"> Treating cancer with a heartbeat Serena Zacchigna (Trieste, Italy) Update on ferroptosis in cardio-oncology Nonhlakanipho Sangweni (SAMRC) Disruption of endothelial cells dynamic with cancer Ghodeejah Higgins (UCT, RSA)
12:45 - 13:45	Lunch
Session 3: Anthracycline-induced cardiotoxicity	
13:45 - 15:40	Chairs: Prof Rodolphe Fischmeister (France) and Dr Alexander Lyon (UK) <ul style="list-style-type: none"> Introduction of the Leducq Foundation Research Project Myocardial transcriptional and metabolic adaptation following anthracycline exposure Dr Alessandra Ghigo (Italy) Doxorubicin, DNA damage repair and increased risk of cancer in patients with peripartum cardiomyopathy Dr Melanie Ricke-Hoch (Germany) Role of metabolic processes in cardiovascular disease and doxorubicin cardiotoxicity Prof Hossein Ardehali (USA) A cardioprotective and anticancer role of Epac inhibition in anthracycline cardiotoxicity Dr: Eric Morel (France)
15:40 - 16:00	Tea/Coffee
16:00 - 16:30	Chairs: Prof Stefan Barth (UCT) and Michael Fradley (USA) Keynote Lecture: Prof Ruth Plummer (UK) <ul style="list-style-type: none"> Development of new cancer therapies - the path to clinic and cardiotoxicity monitoring
16:30 - 16:40	Concluding remarks