

**SANS SYMPOSIUM: 16 SEPTEMBER 2017, LORD CHARLES HOTEL, SOMERSET WEST
11.00 – 18.00**

SANS SESSION 1 - 11:00 - 12:30	SANS PARALLEL SYMPOSIUM	VERGELEGEN
	Chair: Dr Fleur Howells	
11:00 - 11:30	GABAergic transmission in epileptic seizures: a goodie turned bad?	Dr Joseph Raimondo
11:30 - 11:40	Exploring the gut microbiome in South African PTSD patients	Dr Stefanie Malan-Muller
11:40 - 11:50	The Anxiolytic Effect of Oxytocin in a Prenatally Stressed Rat Model of Febrile Seizures	Dr Lihe Qulu
11:50 - 12:00	N-acetyl cysteine (NAC) reverses schizophrenia-like bio-behavioral changes in off-spring following prenatal inflammation and post-natal methamphetamine challenge	Dr Marisa Moller
12:00 - 12:10	Investigating differentially expressed genes between South African PTSD affected individuals and trauma-exposed controls	Ms Helene Herholdt
12:10 - 12:20	Evaluation of efavirenz on addictive-like behaviours in rats: an acute and chronic treatment study	Mr Jaco Fourie
12:00 - 12:30	Promoting Resilience in Maltreated Children	Dr Joan Kaufmann
12:30 - 13:30	Lunch	
12:30 - 13:30	POSTER SESSION	FOYER OF SOMERSET SUITES
SANS SESSION 2 - 13:30 - 15:30	SANS PARALLEL SYMPOSIUM	VERGELEGEN
	Chair: Dr Jacqui Womersley	
13.30 - 13.40	Epigenetic mechanisms in drug addiction	Prof William Daniels
13.40-13.50	Buffering and transfer of stress memory traces	Dr Toni Sterley
13.50 - 14.00	A neuro-cognitive endophenotypic approach to understanding the genetics underlying extreme violent criminal behaviour in South Africa	Ms Kristy Martin
14.00 - 14.10	Modification of the association between MMP9 gene variants and antipsychotic treatment response by childhood adversity in a first-episode schizophrenia cohort	Dr Nathaniel McGregor
14.10 - 14.20	The relationship between in vivo glutamate and peripheral markers of iron metabolism: A proton magnetic resonance spectroscopy study (1H-MRS) in healthy females and males	Ms Antoinette Burger
14.20 - 14.30	Serotonin transporter gene polymorphisms modulate the effects of stress and negative life events on depression among HIV+ adults in Entebbe and Masaka, Uganda	Mr Allan Kalungi
SANS SESSION 3 – 14.30 – 17.00	PSYCHIATRIC GENETICS SYMPOSIUM	VERGELEGEN
	Chair: Prof Eugene Kinyanda	
14.30 - 15.15	100 years of psychiatric genetics: an honest assessment	Prof Thomas Schulze
15.15 - 15.30	Psychiatric Genetics in South Africa: Untapped potential	Prof Sian Hemmings
15.30 - 16.00	Genome-wide mapping and functional analysis of psychiatric disorders in African populations	Dr Emile Chimusa
16.00 - 16.30	Tips for successful grantwriting for early-career scientists	Prof Helena Kuivaniemi
16.30 - 17.00	Open Floor - questions for experts	
17.00 - 18.00	SANS AGM	Speaker TBA