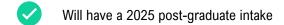
SUB-PROGRAMME: TRANSLATIONAL NEUROSCIENCE AND NEUROTHERAPEUTICS

Intake 2024	Researcher	Research Interests (2025 – 2027)	E-mail
?	Brian Harvey (Prof)	 Pre-clinical neuroscience Development and validation of animal models of psychiatry Divulging neurobiological mechanisms underlying psychiatric illness and investigating novel drug targets Special interests: anxiety, depression, post-traumatic stress disorder, schizophrenia, addiction, obsessive-compulsive disorder Wildlife neuroscience and pharmacology Rodent and zebrafish models 	brian.harvey@nwu.ac.za
	De Wet Wolmarans (Prof)	 Pre-clinical neuroscience Development and validation of animal models of psychiatry Neurocognitive and neurobiological mechanisms underlying abnormal naturalistic animal behaviour and investigating novel drug targets Special interests: obsessive-compulsive disorder, behavioural rigidity, cognitive inflexibility, reward processing, gut-microbiome, adenosinergic and monoaminergic mechanisms, immunity Rodent and zebrafish models 	dewet.wolmarans@nwu.ac.za

×	Francois Viljoen (Dr)	 Analytical method development and validation, immune reactivity in pre-clinical neuropsychiatric models Special interests: monoaminergic dysfunction, immunity, metabolism, neurochemical analysis 	francois.viljoen@nwu.ac.za
×	Linda Brand (Prof)	 Pre-clinical neuroscience Divulging neurobiological mechanisms underlying psychiatric illness and investigating novel drug targets Special interests: major depressive disorder, obsessive-compulsive disorder, receptor binding Rodent models 	linda.brand@nwu.ac.za
	Madeleine Uys (Dr)	 Pre-clinical neuroscience Divulging neurobiological mechanisms underlying psychiatric illness and investigating novel drug targets Special interests: major depressive disorder, chronic fatigue syndrome Rodent models 	madeleine.uys@nwu.ac.za
	Stephan Steyn (Dr)	 Pre-clinical neuroscience Development and validation of animal models of psychiatry Divulging neurobiological mechanisms underlying psychiatric illness and investigating novel drug targets Special interests: major depressive disorder, exercise in psychiatric illness, essential fatty acids Rodent models 	stephan.steyn@nwu.ac.za

	Sarel Brand (Dr)	 Pre-clinical neuroscience Development and validation of animal models of psychiatry Divulging neurobiological mechanisms underlying psychiatric illness and investigating novel drug targets Special interests: stress and anxiety disorders; posttraumatic stress disorder Zebrafish and rodent models 	sarel.brand@nwu.ac.za
×	Tiaan Brink (Prof)	 Pre-clinical neuroscience Development and validation of animal models of psychiatry Divulging neurobiological mechanisms underlying psychiatric illness and investigating novel drug targets Special interests: major depression, phosphodiesterase Rodent models 	tiaan.brink@nwu.ac.za



Will not have a 2025 post-graduate intake

? Uncertain whether projects for a 2025 post-graduate intake will be available; funding dependent; applications encouraged