

Of mice and mental health: facilitating dialogue between basic and clinical neuroscientists

24 – 25 April 2017

Scientific discussion meeting organised by Dr Amy L Milton and Professor Emily Holmes

DAY 1			
SESSION 1: Anxiety disorders: PTSD and phobias Chair: Amy L Milton		SESSION 2: Emerging models: depression and schizophrenia Chair: Emily Holmes	
09.00	Welcome by the Royal Society and Amy L Milton		
09.05	Emily Holmes Mental health and mental health science: opportunity for treatment innovation	13.30	David St Clair Modelling DISC1 and EIF4E mutations in mice
09.30	Discussion	14.00	Discussion
09.45	Marie Monfils Memory boundaries: an opportunistic therapeutic window	14.15	Christoph Kellendonk Using human brain imaging studies as a guide toward animal models of schizophrenia
10.15	Discussion	14.45	Discussion
10.30	Coffee	15.00	Tea
11.00	Merel Kindt The secret life of emotional memories	15.30	Catherine Harmer Can we bridge psychological and pharmacological views of depression and its treatment?
11.30	Discussion	16.00	Discussion
11.45	Johannes Gräff Rewrite or overwrite: identifying neuromolecular mechanisms of remote fear memory attenuation	16.15	Emma Robinson Development of translational new approaches to investigating mood disorders in rodents
12.15	Discussion	16.45	Discussion
12.30	LUNCH	17.00	Poster session
		18.15	CLOSE

DAY 2			
SESSION 3: Compulsive disorders: addiction, OCD and eating disorders Chair: Amy L Milton		SESSION 4: General discussion: future directions and challenges for translational research in mental health disorders Chair: Emily Holmes	
09.00	Rita Goldstein Neuroimaging in drug addiction: an eye towards intervention purposes	14.15	Michelle Craske Optimising extinction learning during exposure therapy
09.30	Discussion	14.45	Discussion
09.45	Barry Everitt FRS Addictive behaviour in experimental animals: prospects for translation	15.00	Steven Hyman From basic disease mechanisms to therapeutics: making a new map
10.15	Discussion	15.30	Discussion
10.30	Pietro Cottone Neurobiology of compulsive eating	15.45	Tea
11.00	Discussion		
11.15	Tea		
11.45	Damiaan Denys Deep Brain Stimulation in obsessive compulsive disorder: a decade of experience	16.15	General discussion
12.15	Discussion		
12.30	Susanne Ahmari Dissecting OCD mechanisms using advanced technologies in mice		
13.00	Discussion		
13.15	LUNCH	17.00	CLOSE

Draft programme - correct as of 31 March 2017 – subject to change