

Understanding the neurobiology of fatigue

18 – 19 September 2017

Organised by Professor Raymond Dolan FRS, Dr Annapoorna Kuppaswamy and Professor John Rothwell

DAY 1			
SESSION 1 Chair: Trudie Chalder		SESSION 2 Chair: Simon Gandevia	
09.30	Welcome by the Royal Society and Raymond Dolan FRS		
09.45	Julia Newton Standing up for fatigue	14.00	Timothy Carroll Corticospinal responses to sustained locomotor exercise
10.20	John DeLuca Neuroimaging and fatigue in MS and TBI	14.35	Samuele Marcora Psychobiology of fatigue during physical tasks
10.55	Coffee	15.10	Tea
11.15	Heidi Kristin Ormstad A biopsychosocial model of fatigue and depression following stroke	15.30	Miriam Klein-Flügge Dissociating physical effort from fatigue in decision making
11.50	Lucile Capuron Fatigue symptoms in clinical models of chronic inflammation: physiopathological correlates and clinical implications	16.05	Mark Edwards Talk title TBC
12.25	Panel discussion	16.40	Panel discussion
12.45	LUNCH	17.00	CLOSE

DAY 2			
SESSION 3		SESSION 4	
Chair: John Rothwell		Chair: Patrick Haggard	
09.30	Masud Husain When the spark goes out: the role of motivation and apathy in fatigue	13.30	Konrad Kording Talk title TBC
10.05	Annapoorna Kuppuswamy Is poor sensory attenuation the cause of chronic pathological fatigue?	14.05	Florian Waszak Functional and neurophysiological underpinnings of action control
10.40	Coffee	14.40	Tea
11.00	Robert Dantzer Motivational aspects of inflammation-associated fatigue	15.00	Klaas Enno Stephan Allostatic self-efficacy: a metacognitive theory of fatigue
11.35	John Salamone Fatigue, anergia and effort-related aspects of motivational dysfunction: the role of mesolimbic dopamine and related circuitry	15.35	Robert Kurzban An opportunity cost model of self-control
12.10	Panel discussion	16.10	Panel discussion and future directions
12.30	LUNCH	17.00	Closing remarks Raymond Dolan FRS
		17.15	CLOSE

Draft programme – correct as of 12 July 2017 – subject to change