



BRAIN & COGNITIVE
SCIENCES

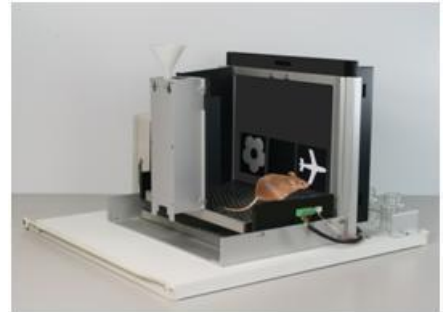
Distinguished Lecture Series

The Department of Brain & Cognitive Sciences at Seoul National University introduces 'Distinguished Lecture Series (*DLS@BCS*)', a series of public lectures by internationally-recognized researchers in Brain & Cognitive Sciences. Dr. Timothy J. Bussey, Reader in Cognitive & Behavioural Neuroscience in the Department of Experimental Psychology, University of Cambridge, will give a lecture on strategies for cognitive translation from animal to human.

September 21, 2011 Wednesday (10:00am), Mok-am Hall, Bldg.501

Strategies for Cognitive Translation from Animal to Human: *Knock-outs, neurogenesis, and neuropsychiatric disease*

The use of animal models is an indispensable tool for the study of normal cognition, and for understanding and discovering treatments for disorders of cognition. A major goal in the use of the animal models of cognition is translation, the ability successfully to transfer our behavioural results in animals to clinical studies in humans (and, indeed, back again). To achieve this aim, cognitive tests in animals should be as similar as possible to those used in humans.



However, many of the currently most widely used animal behavioural tests are in fact very dissimilar to those used with human subjects. In this talk, Dr. Bussey will describe new approaches to assessing cognition in animal models, which provide the ability to test rodents on tasks in many cases identical, in all important respects, to those used in humans. By taking such an approach we have a better chance than ever of achieving successful translation from mouse and rat to human in the study of normal cognition, and in discovering treatments for disorders of cognition.



Timothy J. Bussey, Ph.D.

Department of Experimental Psychology and the MRC and Wellcome Trust Behavioural and Clinical Neurosciences Institute, University of Cambridge, U.K.

Presentation is designed for scholars and students in Brain & Cognitive Sciences as well as general audiences and will be delivered in English. All lectures are free and open to the public. Therefore, reservation is not necessary. The direction to the Bldg. 501 (Mok-am Hall) can be found at <http://cns.snu.ac.kr> For more information about *DLS@BCS*, visit BCS website at <http://bcs.snu.ac.kr>

