Professor May-Britt Moser

(2014 Nobel prize winner for Physiology and Medicine)

Brain mechanisms for representing space

In association with the Wolstencroft Trust

May-Britt Moser is a Norwegian psychologist, neuroscientist, and head of department of the Centre for Neural Computation at the Norwegian University of Science and Technology (NTNU). She pioneered research on the brain's mechanism for representing space together with her mentor John O'Keefe. With Edvard Moser, she shared the 2014 Nobel Prize in Physiology or Medicine with O'Keefe,[1] awarded for work concerning the grid cells that make up the positioning system in the brain.

May-Britt Moser was awarded a degree in psychology from the University of Oslo in 1990. She thereafter was awarded her Ph.D. in Neurophysiology from the University of Oslo in 1995 under the supervision of professor Per Andersen. Moser went on to undertake postdoctoral training with Richard Morris at the Centre for Neuroscience, University of Edinburgh from 1994 to 1996, and was a visiting postdoctoral fellow at the laboratory of John O'Keefe at the University College, London for two months.

May-Britt returned to Norway in 1996 to be appointed associate professor in biological psychology at the Norwegian University of Science and Technology (NTNU) in Trondheim, and became a full professor of neuroscience at NTNU in 2000; she is now head of department of the NTNU Centre for Neural Computation. She also is a member of the Royal Norwegian Society of Sciences and Letters, Norwegian Academy of Science and Letters, and the Norwegian Academy of Technological Sciences. Her many publications, prizes and awards culminated in her joint Nobel Prize in 2014.