



The 8th CDB Lecture

Maria Leptin

European Molecular Biology Organization, Germany

Monday, May 25, 2015

16:00~ C1F CDB Auditorium

Cell shape and morphogenesis: sub cellular and supracellular mechanisms



Maria Leptin received her PhD in 1983 for work on B cell activation carried out at the Basel Institute for Immunology, Switzerland, under the supervision of Fritz Melchers. She switched to the study of development in *Drosophila* when she joined the laboratory of Michael Wilcox at the Medical Research Council's Laboratory of Molecular Biology (LMB) in Cambridge, UK, for her postdoctoral work on *Drosophila* integrins. After a research visit at the laboratory of Pat O'Farrell at the University of California San Francisco (UCSF), where she began her work on gastrulation, she spent 1989-1994 as a group leader at the Max Planck Institute in Tübingen, Germany. In 1994, she became Professor at the Institute of Genetics University of Cologne.

In January 2010, Maria Leptin became the Director of EMBO and established a research group in Heidelberg at the European Molecular Biology Laboratory (EMBL).

The group studies cell biology and biophysics of cell shape changes and the mechanism of innate immunity. Professor Leptin is an elected member of EMBO and the Academia Europaea. She also serves on the editorial boards of *Developmental Cell* and *Developmental Biology* and on the advisory boards of several academic institutions. She has chaired and is a member of one of the evaluation panels for European Research Council (ERC) Advanced Investigator Grants.

Host:

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