



Università degli Studi di Siena

**Santa Chiara –Scuola Superiore dell’Università di Siena
“Pro.M.”**

**Meccanismi cerebrali, architetture funzionali e
modelli dei processi cognitivi**



Dipartimento di Scienze Neurologiche
Neurochirurgiche e del Comportamento
Scuola di Dottorato di Ricerca in Scienze
Neurologiche Applicate

Direttore Prof. Antonio Federico

Dipartimento di
Filosofia e Scienze Sociali
Scuola di Dottorato di ricerca
in Scienze Cognitive

Direttore Prof. Sandro Nannini

Il 16, 17 e 18 giugno 2009 nelle Aule del Centro Didattico del Policlinico si terrà:

*“Interdisciplinary approach to study learning and
memory in rodents and its applications for humans”*

Hannah Monyer (University of Heidelberg)

First part :Tuesday 16th June 2009 ,16 h to 18h ,Aula 9

Second part: Wednesday, 17th June 2009,11h to 13 h Aula C

Third part :Thursday, 18th June 2009, 11h to 13h Aula C

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Profilo:

Hannah Monyer was born in Romania. She came to Germany in her teens, took her school-leaving exams in Heidelberg and studied medicine at the University of Heidelberg. Subsequently she joined the staff of Prof. Peter Seeburg's study group at the Molecular Biology Centre of the University of Heidelberg. From 1994 she was the holder of the Hermann and Lilly Schilling chair at the Molecular Biology Centre in Heidelberg. From 1996 she headed a group of visiting researchers at the Max Planck Institute of Medical Research. She was awarded the Federal Cross of Merit for her scientific achievements and her ability to make her field of work understandable to the general public. In 1999 she was appointed full professor and head of the Clinical Neurobiology Department at the Interdisciplinary Neuroscience Centre and the neurological hospital of the University of Heidelberg. She has been awarded Germany's most generously endowed research prize. The principal committee of the German Research Council (DFG) named Prof. Monyer as one of the recipients in the DFG's Gottfried Wilhelm Leibniz Programme for the year 2004.

Her studies were the first to indicate the different molecular composition of the various NMDA receptors, their functional differences and their distinct, development-dependent expression patterns in different cell populations in the brain. More recently, Prof. Monyer has turned her attention to the understanding of brain functions that enable it to perform more sophisticated tasks, like memory and cognition. She also studies disturbances of these functions, such as those manifesting themselves in neurological disorders. A token of her success in this venture is the discovery of a hitherto unknown population of interneurons.