



PROF. ANGEL BARCO

INSTITUTO DE NEUROCIENCIAS
UMH-CSIC



Berlin Institute
for Medical
Systems Biology

BIMSB GUEST SPEAKER

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EXPERIENCE-DRIVEN REGULATION OF NEURONAL GENE PROGRAMS

Monday, 13th Oct.

15:00 pm

BIMSB, room 0.61

and via Zoom:

Meeting ID: 670 3199 5738

Pass code: 825202

Transcriptional and epigenetic mechanisms provide a molecular framework through which environmental influences and life experiences exert lasting effects on the brain. In this talk, we will examine two examples that illustrate the interplay between genomic regulation and neuronal plasticity. First, we will discuss how environmental enrichment and deprivation shape cognitive function through specific gene expression programs. Second, we will explore the transcriptional signatures associated with memory encoding and recall in the hippocampus.

Host Ana Pombo

For meeting with Prof. Barco

contact Olga Pöthke

+49 30 9406-1752

Max Delbrück Center / BIMSB

Hannoversche Str. 28, 10115 Berlin

HELMHOLTZ