
MARIAN MARTÍNEZ-BALBÁS

CV

SCIENTIFIC LEADER AT:

50 YEARS OF HISTONE ACETYLATION

BARCELONA CONFERENCES ON
EPIGENETICS AND CANCER

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Marian Martínez-Balbas, Researcher at [Molecular Biology Institute of Barcelona](#), Barcelona, Spain

Marian Martínez-Balbás has been interested in the study of chromatin structure, and of its regulation, during all her career. As a predoctoral student at the UPC (Barcelona, Spain), she focused on the most basic aspect of the problem, studying the peculiarities of the different DNA conformations and their relationship to chromatin structure. Subsequently, she explored how this structure could vary under the effect of protein factors, concentrating on the role of the remodeling complexes during a postdoctoral stay at the National Institutes of Health (NIH, USA). She then moved to the Wellcome/CRC Institute (Cambridge, UK), where she looked at chromatin activity and its regulation by histone acetylation. Finally, after joining the Institute of Molecular Biology of Barcelona (IBMB-CSIC), her research has been aimed at understanding the role of epigenetic factors, especially histone modifications and ncRNA, in shaping developmental processes, concentrating in the case of neurogenesis.

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