

# LOURDES SERRANO

CV

SCIENTIFIC LEADER AT:

## 50 YEARS OF HISTONE ACETYLATION

BARCELONA CONFERENCES ON  
EPIGENETICS AND CANCER**October, 1<sup>st</sup> and 2<sup>nd</sup>, 2014, Barcelona****Lourdes Serrano**, Assistant Professor of Genomics at [Rutgers University](http://Rutgers University), New Jersey, USA

Lourdes Serrano's research interests focus on deciphering the role of nuclear architecture and chromatin organization in different aspects of genome regulation. Nuclear architecture brings together several topics, including genome instability, DNA repair, cell differentiation, development, aging and cancer. Her experimental approaches are based on the combination of genetics, molecular and cellular biology, and three-dimensional imaging quantitative analysis. Data from biochemical studies and image analysis are used for mathematical modeling in a continuous feedback between the different disciplines.

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