



**UNIVERSITÀ
DI TRENTO**

Department of
Cellular, Computational
and Integrative Biology - CIBIO

Organizers:

Marta Biagioli
Fulvio Chiacchiera

Epigenetics Mondays Seminars

Every Monday from May 9th till May 30th

May 16th @ 2:30PM

Online seminar, registration required

Eric Campos

**Genetics & Genome Biology Program
The Hospital for Sick Children
Department of Molecular Genetics
University of Toronto**

Chaperoning Histones in Health and in Disease

Chromatin is assembled into repetitive units known as nucleosomes. Soluble histone pools are processed and maintained by histone chaperone proteins prior to their deposition on DNA. Once on DNA, histones have a broad impact on chromatin structures and accessibility. The chaperoning of the H3.1 and H3.3 histone variants will be discussed, with a particular focus on the ATRX chromatin remodelling protein that helps deposit H3.3.