



DIPARTIMENTO DI FARMACIA E BIOTECNOLOGIE

AVVISO DI SEMINARIO

All'interno degli eventi organizzati dalla CMB PhD school

Il giorno venerdì **10 Febbraio 2023**, alle ore **11:00**

presso

Aula 1, FaBiT, via Belmeloro 6
Bologna

oppure in streaming:

<https://teams.microsoft.com/l/meetup-join/19%3aN09c0NlyEssBnF7ObCyDOQwkgDWm1qdd9f7F2nJV9fw1%40thread.tacv2/1631519544944?context=%7b%22Tid%22%3a%22e99647dc-1b08-454a-bf8c-699181b389ab%22%2c%22Oid%22%3a%225a941351-ef41-4aa4-8771-fa50a6d62ca1%22%7d>

Dr. Filippo Cernilogar

*Biomedical Center Munich, Molecular Biology, Planegg-Martinsried,
Germania*

(ospite Prof. Giovanni Perini)

terrà un seminario dal titolo:

PIONEER TRANSCRIPTION FACTORS, CHROMATIN DYNAMICS AND CELL FATE CONTROL

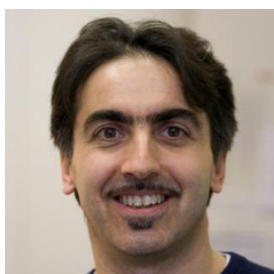
Collegli e studenti sono cordialmente invitati

Commissione Ricerca e Attività Correlate – FaBiT

ABSTRACT

Pioneer transcription factors (PTF) can recognize their binding sites on nucleosomal DNA and trigger chromatin opening for recruitment of other non-pioneer transcription factors. However, critical properties of PTFs are still poorly understood, such as how these transcription factors selectively recognize cell type-specific binding sites and under which conditions they can initiate chromatin remodeling. In this talk, I will discuss how the chromatin environment and other co-factors shape PTF activity and occupancy.

BIOGRAPHICAL SKETCH



Filippo Cernilogar is currently a research scientist at Biomedical Center of the Ludwig-Maximilians-University (Munich, Germany). He has a long lasting interest in epigenetic gene regulation. He obtained a Laurea (BM/MS) in Biological Sciences at the University of Pisa and a PhD in Biology at the University of Bologna. He then moved to southern Italy for a post-doc at the Dulbecco Telethon Institute in Naples. He is in Germany from 2010. A complete list of his publications are available here: <https://orcid.org/0000-0003-2814-3436>