

# EINLADUNG

Kolloquium  
Wintersemester 2020 / 2021

**Dr. Moises Exposito-Alonso**

Carnegie Institution for Science  
Department of Plant Biology  
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hält am Dienstag, den **26.01.2021**, um 16:15 Uhr einen Vortrag über  
**„Climatic natural selection along the Arabidopsis genome“**



Through the lens of evolution, climate change is an agent of natural selection that forces populations to change and adapt, or face extinction. In this presentation, I describe studies of natural selection across climates in the plant *Arabidopsis thaliana* and combine this knowledge with genomic and phenotypic information. This revealed that climates expected to be more common in the future (drier, hotter) will naturally select genotypes of *Arabidopsis thaliana* living in the species range and pre-adapted to extreme conditions, and that there may be a selection conflict between multiple ecological strategies of response to water stress.



Einladender: Prof. Dr. J. F. Niek Scheepens



Dieser Vortrag findet digital per Zoom statt. Über diesen Link kommen Sie zu der entsprechenden Veranstaltung:

<https://uni-frankfurt.zoom.us/j/93960153804?pwd=YjBZOUQ0ZnhxcUUwSmZpMlMrLzZDQT09>

Meeting-ID: 939 6015 3804

Kenncode: 185727