

# Lecture Series

April 09, 2019 1:00–4:15 pm

Helmholtz Zentrum München, Auditorium Neuherberg

## Environmental Sciences

COORDINATOR: PROF. DR. MICHAEL SCHLOTER AND PROF. DR. PETER SCHNITZLER

MODERATOR: JULIA KRAWCZYK, COMI

1:00 - 1:05 Welcome

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1:05 - 1:30 Plant epigenetics: From monsters and *Superman* to tomatoes and palm oil  
DR. MARTIN GROTH, BIOP

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1:30 - 1:55 The upper and lower airway microbiome in healthy smokers, non- and ex-smokers  
DR. STEFAN PFEIFFER, COMI

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1:55 - 2:20 Evolutionary response to drought stress in closely related Brassicaceae  
DR. NORA MARIN DE LA ROSA, INET

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2:20 - 2:55 Coffee break

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## Neuro and Stem Cell Biology

COORDINATOR: PROF. DR. WOLFGANG WURST

MODERATOR: CHRISTOPHER BREUNIG, ISF

2:55 - 3:00 Welcome

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3:00 - 3:25 Totipotent-like cells *in vitro*  
DR. ANE ITURBIDE, IES

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3:25 - 3:50 Neurodevelopmental disease - from human genetics to novel mechanisms  
DR. ADAM O'NEILL, ISF

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3:50 - 4:15 CRISPR/Cas9 tools for gene editing and therapy  
DR. FLORIAN GIESERT, IDG

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