



EMBO Lecture Series

with George Diallinas
NKUA, Athens & IMBB Crete,
Greece



Lecture I: Structure-Function relationships of transporters: lessons from model fungal systems

13 May 2024 09:00 - 11.00 am

Dipartimento di Biologia e Biotecnologie «Charles Darwin», Sapienza Università di Roma
Aula Pasquini, edificio Zoologia CU008
Viale dell'Università 32 Roma

Link to participate with Google Meet:
meet.google.com/ter-wuhq-nkt

In this first lecture, Prof. G. Diallinas will illustrate how the fungal UapA purine transporter has served as a paradigm to unravel structure-function relationship and determinants of substrate specificity, and approach how evolution might have shaped transporter function and regulation.



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Lecture II: Routes & mechanisms of membrane protein trafficking, endocytosis and turnover under the challenge of polarity

14 May 2024 2:00 - 4:00 pm

Dipartimento di Biologia e Biotechnologie «Charles Darwin», Sapienza Università di Roma
Aula B «Tecce» - Edificio Fisiologia generale CU026
Piazzale Aldo Moro, 5 Roma

Link to participate with Google Meet:
meet.google.com/tmd-bzza-pae

In this 2nd lecture, Prof. G. Diallinas will present how studies on membrane trafficking of UapA unravel novel routes and mechanisms of endocytosis and translocation to the plasma membrane via Golgi-bypass. These findings present paradigmatic shifts in our knowledge on membrane cargo trafficking in eukaryotes.