



UNIVERSITÀ DEGLI STUDI DI MILANO

DOTTORATO IN SCIENZE PER I SISTEMI ALIMENTARI
PHD PROGRAM IN FOOD SYSTEMS



Food Systems Welcome Day & Journal Club

Presentation of the Food Systems program and discussion of the research projects proposed by students enrolled for the **XL** cycle of the PhD Program

February 18th, 2025

room C03 – 15:00 - via Mangiagalli 25, Milan



15:00-19:00		
Speaker		
Presentation of the Food Systems PhD program	Prof. Diego Mora Dean of the Food Systems PhD	15:00-15:05
Food Systems organization, duties, and rights of the different members of the community	Prof. Alberto Barbiroli Prof. Alessandra Marti	15:05-15:15



Prof. Diego Mora
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At the end of the JC chairman/chairwoman together with a senior scientist will evaluate for each speaker the presented project proposal. In specific they will evaluate i) *quality and clarity of presentation*, ii) *statement of the research problem*, iii) *research design & methodology*, iv) *contribution to knowledge*, v) *possible application potentialities and scientific and/or technological and/or social and/or economic impact, of the research products*.

The compiled evaluation forms will be than forwarded to each speaker as suggestions aimed to ameliorate the project proposal.

Session 1 – 15:15-15:45

Chairman/Chairwoman	Speaker	Project
Francesca Sacchi & Marta Sindaco (Andrea Pinto)	Aziza Caccia Tutor: Sabrina Dallavalle	<i>Hybrid nature-inspired metal chelators as antifungal agents for crop protection</i>
	Matteo Corti Tutor: Martina Contente	<i>Enzymatic prenylation of waste-derived polyphenols to enhance their biological activity and/or physico-chemical properties</i>
	Sara Foiadelli Tutor: Francesco Molinari	<i>Sustainable bioprocesses for plant secondary metabolite biotransformation</i>



Invited Speaker – 15:45-16:00

Dr. Federica Volontè (*R&D Biology Group Manager, Sacco srl*)
“Sacco System: R&D activities, people and perspectives”

Session 2 – 16:00-16:30

Chairman/Chairwoman	Speaker	Project
Sharmila Ghosh & Luca Pisoni (Sara Savoldelli)	Gabriele Capriglia Tutor: Sara Borin	<i>Exploring plant-microbiome synergy for hydrocarbon bioremediation of polluted soils</i>
	Rida Ali Tutor: Daniela Lupi	<i>Risks to pollinators from chemical exposure: effects of sub-lethal doses on survival and health</i>
	Irene Valenti Tutor: Matias Pasquali	<i>Experimental evolution to reduce mycotoxins contamination in wheat</i>

Invited Speaker – 16:30-16:45

Dr. Stefano Colombo (*R&D Actial Farmaceutica Srl*)
“Adaptability and Interdisciplinarity skills within PhD and Industry”

Session 3 – 16:45-17:05

Chairman/Chairwoman	Speaker	Project
Ylenia Zanchetta & Alice Melzi (Stefania Arioli)	Viola Termine Tutor: Diego Mora	<i>Beyond probiotics: unravelling the secret weapons of VSL#3 as a postbiotic</i>
	Michele Isotti (national PhD in Food System) Tutor: Pasquale Russo	<i>From food biofortification to probiotic: exploring biotechnological applications of B2-overproducing LAB</i>

Invited Speaker – 17:05-17:20

Dr. Noemi Rabitti (*Group R&D – Research & Scientific Affairs Associate Technologist*)
“From PhD to industry: a journey through academic research and industrial innovation”



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Session 4 – 17:20-17:50

Chairman/Chairwoman	Speaker	Project
Giulia Bearzi & Lara Chehade (Daniela Martini)	Chiara Artale Tutor: Simone Perna	<i>Exploring the hesperidin metabolites in aging. Their impact on Neuronal and Natural Killer (NK) cells</i>
	Ellis Bianchi Tutor: Patrizia Riso	<i>Valorization of fish in healthy and sustainable dietary patterns</i>
	Thomas Croci Tutor: Alessandra Marti	<i>Regenerative agriculture for sustainable bakery products</i>

*Welcome party **until 19:00***

(Prof. Diego Mora, Dean
&
the Board of PhD program in Food Systems)