



Tehnološko-metalurški fakultet Univerziteta u Beogradu

u okviru H2020 projekta:

Twinning to excel materials engineering for medical devices

i Horizon Europe projekta:

Twinning for intensified enzymatic processes for production of prebiotic-containing functional food and bioactive cosmetics

organizuje:

-radionicu o pisanju i upravljanju projektima

-seminar o enzimskoj modifikaciji i strukturnoj karakterizaciji enzimiški sintetisanih prebiotika

-seminar o analizi mikrobiote čoveka

07.02.-10. 02. 2023.

Svečana sala Tehnološko-metalurškog fakulteta
Karnegijeva 4, Beograd

Učešće u radionici je namenjeno nastavnicima i sardnicima TMF i ICTMF ali je obavezna prethodna registracija slanjem elektronske prijave na adresu excellmater@gmail.com sa naslovom: *Prijava za radionicu.*

Predavanja organizuju:



Projekti su dobili finansiranje iz Okvirnog programa Evropske unije za istraživanje i inovacije **Horizont 2020** (ugovor br. 952033) i **Horizon Europe** (ugovor br. 101060130).

Program

UTORAK 7.02.2023. <i>Selected topics in project proposal preparation</i>			
	Otvaranje i dobrodošlica	9:00 - 9:10	Petar Uskokovic, TMF
	ExcellMater introduction	9:10 - 9:20	Bojana Obradovic, TMF
	TwinPrebioEnz introduction	9:20 - 9:30	Dejan Bezbradica, TMF
1	Writing hypothesis, objectives and impacts of the project in the proposal	9:30 - 10:30	Mauro Alini, ARI
	Pauza za kafu	10:30 - 11:00	
2	Writing hypothesis, objectives and impacts of the project in the proposal (Cont.-)	11:00 - 11:30	Mauro Alini, ARI
3	Discussion on homework assignments	11:30 - 13:00	with M. Alini (ARI) and M. Gasik (AALTO)
	Pauza za ručak	13:00 - 14:00	
	Poster session – Presentation of institutions and research groups participating in TwinPrebioEnz and ExcellMater	14:00 - 16:00	FTM, AALTO, CSIC, RadboudUmc, MU
SREDA 8.02.2023. <i>Project management and administration</i>			
1	Evaluation procedure of project proposals – point of view of the reviewer	9:00 - 10:30	M. Gasik, AALTO
	Pauza za kafu	10:30 - 11:00	
2	Project preparation (CA, GA, DMP)	11:00 - 12:00	P. Hongisto, AALTO
3	Project management (reporting, financial management, auditing)	12:00 - 13:00	P. Hongisto, AALTO
	Pauza za ručak	13:00 - 14:00	



Seminar on enzyme modification and structural characterization of oligosaccharides as tools for improvement in field of enzymatically derived prebiotics

	The role of Spanish National Research Council (CSIC) in TwinPrebioEnz	14:00 – 14:20	D. Bezbradica, FTM
4	Production, characterization and genetic modification of bacterial enzymes	14:20 – 14:50	B. de las Rivas, CSIC
5	New routes in protein chemical modification for biocatalysts properties improvement	14:50 – 15:30	J. M. Palomo, CSIC
	Pauza za kafu	15:30 - 16:00	
6	Design and development of enzyme heterogeneous catalysts for sugar transformations	16:00 – 16:30	C. Mateo, CSIC
7	Enzymatic production and characterization of non-digestible carbohydrates with prebiotic potential	16:30 – 17:00	J. Moreno, CSIC A. Montilla, CSIC
8	Presentation of joint research results of CSIC and FTM	17:00 – 17:20	A. Vukočić, FTM
	Visit to FTM laboratories	17:20 – 18:30	

ČETVRTAK 09.02.2023. Project proposal preparation and project management: Going into practice

1	Graphical illustrations in project proposals (e.g., project aim, impact)	9:30 - 11:00	E. van den Bogaard, Radboudumc
	Pauza za kafu	11:00 - 11:30	
2	The evolution of a project proposal in the Radboudumc	11:30 – 13:00	E. van den Bogaard, Radboudumc
	Pauza za ručak	13:00 – 14:00	
	Round table <i>Finding best practices for supporting researchers at FTM</i>	14:00 – 16.00	AALTO, Radboudumc, FTM, CSIC, MU

PETAK 10.02.2023. Seminar on human microbiota analysis

	The role of Maastricht University (MU) and Radboud University Medical Center (RadboudUmc) in TwinPrebioEnz	9:00 – 9:20	D. Bezbradica, FTM
1	Everything you always wanted to know about gut microbiota	9:20 – 10:05	K. Venema, MU
2	The sophisticated <i>in vitro</i> models of the GI tract - TIM	10:05 – 10:45	K. Youssef Abboud, MU
	Pauza za kafu	10:45 - 11:15	
3	The basics of skin microbiota and their relevance for health and disease	11:15 – 11:40	E. van den Bogaard, Radboudumc
4	3D organotypic skin models to study skin biology and diseases	11:40 – 12:00	L. Meesters, Radboudumc
5	Skin microbiome models: from clinical associations to functional implications.	12:00 – 13:00	E. van den Bogaard, Radboudumc
	Pauza za ručak	13:00 – 14:00	
	Meeting of TwinPrebioEnz Project Consortium	14:00 – 16:00	FTM, CSIC, RadboudUmc, MU

Više informacija na <https://excellmater.tmf.bg.ac.rs/>