



COST Action CA18113

**EuroMicroPH**

Understanding and Exploiting the Impacts  
of Low pH on Micro-organisms

## Program Training School

Application of microbial processes in sustainable production, and the impact of low pH on these

26-30 September 2022, Marmara University, Turkey

Date	Session	Lecture Title	Lecturer	Affiliation	In person/Online
26.Sep	9:00-10:00	Introduction	Zeynep Cetecioglu Guro/Bilge Alpaslan Kocamemi	KTH Royal Institute of Technology, Sweden Marmara University, Turkey	In person
	10:00-10:30	Break			
	10:30-12:00	Thermodynamics of Growth and Product Formation in Environmental Biotechnology-I	Mustafa Turker	Pakmaya, Turkey	In person
	12:00-13:30	Lunch			
	13:30-15:00	Thermodynamics of Growth and Product Formation in Environmental Biotechnology-II	Mustafa Turker	Pakmaya, Turkey	In person
	15:00-15:30	Break			
27.Sep	8:30-10:00	Biobased Energy Production - Methane	Zeynep Cetecioglu Guro	KTH Royal Institute of Technology, Sweden	In person
	10:00-10:30	Break			
	10:30-12:00	Biobased Energy Production - Bioethanol	Ksawery Kuligowski	Polish Academy of Sciences, Poland	Online
	12:00-13:30	Lunch			
	13:30-15:00	Biobased Energy Production - Algal Biotechnology for Biofuel Applications	Berat Haznedaroglu	Bogazici University, Turkey	In person
	15:00-15:30	Break			
28.Sep	15:30-17:00	Biobased value-Added Products-VFA (low pH mixed culture application)	Zeynep Cetecioglu Guro	KTH Royal Institute of Technology, Sweden	In person
	8:30-10:00	Downstream and post stream application of carboxylic acids produced at low pH	Merve Atasoy	Wageningen University and Research, The Netherlands	In person
	10:00-10:30	Break			
	10:30-12:00	Biobased value-Added Products-Nanocellulose production by acetic acid bacteria	Janja Trcek	University of Maribor, Slovenia	In person
	12:00-13:30	Lunch			
	13:30-15:00	Metal recovery from solid waste by bioleaching	Jana Sedlakova	University of Ss. Cyril and Methodius in Trnava, Slovakia	Online
29.Sep	15:00-15:30	Break			
	15:30-17:00	Microbial processes for metal recovery from solutions	Jana Sedlakova	University of Ss. Cyril and Methodius in Trnava, Slovakia	Online
	8:30-10:00	Biobased Value-Added Products: Microbial Biopolymer Production	Ebru Toksoy Öner	Marmara University, Turkey	In person
	10:00-10:30	Break			
	10:30-12:00	Anaerobic Ammonium Oxidation (Anammox) process	Bilge Alpaslan Kocamemi	Marmara University, Turkey	In person
	12:00-13:30	Lunch			
30.Sep	13:30-15:00	Organic Carbon Recovery via High Rate Activated Sludge Systems, Recoverable Compounds from Novel Nitrogen Removal Processes	Bilge Alpaslan Kocamemi	Marmara University, Turkey	In person
	15:00-15:30	Break			
	15:30-17:00	Visit Bilge's Lab Scale Reactors	Bilge Alpaslan Kocamemi	Marmara University, Turkey	In person
	09:30-12:30	Technical Visit to Pakmaya with a lecture on "Large Scale yeast Fermentation"	Mustafa Turker	Pakmaya, Turkey	In person
	12:30-14:00	Lunch		Pakmaya, Turkey	