



International Summer School on

**Bio – inspired Molecules and Materials
for Medicinal Applications
and Sustainability**

Course schedule

22 June - 1 July 2026

Kavala - Greece

week 1

Monday 22 June		
Morning	09:30 - 10:30	Opening Ceremony Boujday Souhir, Chair of the Chemistry Department at SU Kyzas Georgios, Head of the Chemistry Department at DUTH
	10:30 - 10:45	Coffee break
	10:45 - 12:15	Bio-based and biodegradable polymers : synthesis and (future) applications Assos. Prof. Nicolas Illy (SU)
	12:15 - 13:00	Lunch
Afternoon	13:00 - 14:30	Bio-based and biodegradable polymers : synthesis and (future) applications Assos. Prof. Nicolas Illy (SU)
	14:30 - 14:45	Break time
	14:45 - 16:15	Bio-based and biodegradable hydrogels : preparation, characterization and applications (preparing the Lab session) Assos. Prof. Nicolas Illy (SU)
	16:15	Free Time
Tuesday 23 June		
Morning	09:00 - 10:30	Practical work (lab course): biobased-hydrogels, synthesis and characterization Assos. Prof. Nicolas Illy (SU), Georgios Vythoukias
	10:30 - 10:45	Coffee break
	10:45 - 12:15	Practical work (lab course): biobased-hydrogels, synthesis and characterization Assos. Prof. Nicolas Illy (SU), Georgios Vythoukias
	12:15 - 13:00	Lunch
Afternoon	13:00 - 14:30	Practical work (lab course): biobased-hydrogels, synthesis and characterization Assos. Prof. Nicolas Illy (SU), Georgios Vythoukias
	14:30 - 14:45	Break time
	14:45 - 16:15	Practical work (lab course): biobased-hydrogels, synthesis and characterization Assos. Prof. Nicolas Illy (SU), Georgios Vythoukias
	14:45 - 16:16	Free Time
Wednesday 24 June		
Morning	09:00 - 10:30	Practical work (lab course) on adsorption processes Prof. Georgios Kyzas (DUTH)
	10:30 - 10:45	Coffee break
	10:45 - 12:15	Practical work (lab course) on adsorption processes Prof. Georgios Kyzas (DUTH)
	12:15 - 13:00	Lunch
Aft noon	13:00 - 14:30	Practical work (lab course) on adsorption processes Prof. Georgios Kyzas (DUTH)
	14:30 - 14:45	Break time

Afternoon	14:45 - 17:45	Environmental applications of magnetic nanocomposites and molecularly imprinted polymers Assist. Prof. Christina Nannou
	17:45	Free Time
Thursday 25 June		
Morning	09:00 - 10:30	Case study
	10:30 - 10:45	Coffee break
	10:45 - 12:15	Bioinspired Molecules in Medicinal Chemistry: From Drug Design to Fluorescent Probes for Biological Processes Prof. Candice Botuha (SU)
	12:15 - 13:00	Lunch
Afternoon	13:00 - 14:30	Bioinspired Molecules in Medicinal Chemistry: From Drug Design to Fluorescent Probes for Biological Processes Prof. Candice Botuha (SU)
	14:30 - 14:45	Break time
	14:45 - 16:15	Biomacromolecules for therapy Prof. Michèle Salmain (SU)
	16:15	Free Time
Friday 26 June		
Morning	09:00 - 10:30	Biomacromolecules for therapy Prof. Michèle Salmain (SU)
	10:30 - 10:45	Coffee break
	10:45 - 12:15	Metal based complexes in medicine (part I) Prof. M. Salmain (SU)
	12:15 - 13:00	Lunch
Afternoon	13:00 - 14:30	Metal based complexes in medicine (Part II) Research Assoc. Benoit Bertrand (SU)
	14:30 - 14:45	Break time
	14:45 - 16:15	Mechanistic investigations (Part I) Research Assoc. Benoit Bertrand (SU)
	16:15	Free Time
Saturday 27 June		
Morning	09:00 - 10:30	Mechanistic investigations (Part II) Research Assoc. Benoit Bertrand (SU)
	10:30 - 10:45	Coffee break
	10:45 - 12:15	Case studies Research Assoc. B. Bertrand, Prof.C. Botuha, Prof. M. Salmain (SU)
	12:15 - 13:00	Lunch
noon	13:00 - 14:30	Organic Bioactives from sustainable natural sources for the production of high value bio-functional products with anti-inflammatory and antithrombotic health promoting effects Assist. Prof. Tsoupras Alexandros (DUTH)
	14:30 - 14:45	Break time

After	14:45 - 16:15	Organic Bioactives from sustainable natural sources for the production of high value bio-functional products with anti-inflammatory and antithrombotic health promoting effects Assist. Prof. Alexandros Tsoupras (DUTH)
	16:15	Free Time
Sunday 28 June		Excursion to THASSOS Island with sail boat*
		* Own cost

week 2

Monday 29 June		
Morning	09:00 - 10:30	Porphyrins for photodynamic cancer therapy Assist. Prof. Kalliopi Ladomenou (DUTH)
	10:30 - 10:45	Coffee break
	10:45 - 12:15	Practical work (lab course) Assist. Prof. Kalliopi Ladomenou (DUTH)
	12:15 - 13:00	Lunch
Afternoon	13:00 - 14:30	Practical work (lab course) Assist. Prof. Kalliopi Ladomenou (DUTH)
	14:30 - 14:45	Break time
	14:45 - 16:15	Organic Bioactives from sustainable natural sources for the production of high value bio-functional products with anti-inflammatory and antithrombotic health promoting effects Assist. Prof. Alexandros Tsoupras (DUTH)
	16:15	Free time
Tuesday 30 June		
Morning	09:00 - 10:30	Introduction to nanomedicine and their use for targeted therapy Assoc. Prof. Nébéwia Griffete and Anne Vallée (SU)
	10:30 - 10:45	Coffee break
	10:45 - 12:15	Nanoparticles as active agents and for controlled drug delivery Assoc. Prof. Nébéwia Griffete and Anne Vallée (SU)
	12:15 - 13:00	Lunch
Afternoon	13:00 - 14:30	Nanoparticles for combined therapy and theranostic Assoc. Prof. Nébéwia Griffete and Anne Vallée (SU)
	14:30 - 14:45	Break time
	14:45 - 16:15	Nanoparticles for combined therapy and theranostic Assoc. Prof. Nébéwia Griffete and Anne Vallée (SU)
	16:15	Free time
Wednesday 1 July		
Morning	09:00 - 10:30	Introduction to Magnetic nanoparticles and nanocomposites, and to the challenges of environmental chemistry Assoc. Prof.Sébastien Abramson (SU)
	10:30 - 10:45	Coffee break
	10:45 - 12:15	Magnetic nanoparticles and nanocomposites, and to the challenges of environmental chemistry Assoc. Prof.Sébastien Abramson (SU)
	12:15 - 13:00	Lunch
Afternoon	13:00 - 14:30	Magnetic nanoparticles and nanocomposites, and to the challenges of environmental chemistry Assoc. Prof.Sébastien Abramson (SU)
	14:30 - 15:00	Closing Session