ΔΗΜΟΚΡΙΤΕΙΟ ΠΑΝΕΠΙΣΤΗΜΙΟ ΘΡΑΚΗΣ
DEMOCRITUS UNIVERSITY OF THRACE

SCIENCES SORBONNE UNIVERSITÉ

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	Openning Ceremony **Souhir Boujday**, 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 **Assoc. Prof. Nicolas Illy (SU)**
	12:15 - 13:00	Lunch
Afternoon	13:00 - 14:30	Bio-based and biodegradable polymers : synthesis and (future) applications **Assoc. Prof. Nicolas Illy (SU)**
	14:30 - 14:45	Break time
	14:45 - 16:15	Bio-based and biodegradable polymers : synthesis and (future) applications (preparing the Lab session) **Assoc. Prof. Nicolas Illy (SU)**
	16:15	Free Time
Tuesday 23 June		
Morning	09:00 - 10:30	Practical work (lab course) on Bio-based and biodegradable polymers **Assoc. Prof. Nicolas Illy (SU)**
	10:30 - 10:45	Coffee break
	10:45 - 12:15	Practical work (lab course) on Bio-based and biodegradable polymers **Assoc. Prof. Nicolas Illy (SU)**
	12:15 - 13:00	Lunch
Afternoon	13:00 - 14:30	Practical work (lab course) on Bio-based and biodegradable polymers **Assoc. Prof. Nicolas Illy (SU)**
	14:30 - 14:45	Break time
	14:45 - 16:15	Practical work (lab course) on Bio-based and biodegradable polymers **Assoc. Prof. Nicolas Illy (SU)**
	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
Afternoon	13:00 - 14:30	Practical work (lab course) on adsorption processes **Prof. Georgios Kyzas (DUTH)**
	14:30 - 14:45	Break time
	14:45 - 16:15	**Visit Hephestus**
	16:15	Free Time
Thursday 25 June		

Morning	09:00 - 10:30	Environmental applications of magnetic nanocomposites and molecularly imprinted polymers **Assist. Prof. Christina Nannou**
	10:30 - 10:45	Coffee break
	10:45 - 12:15	Environmental applications of magnetic nanocomposites and molecularly imprinted polymers **Assist. Prof. Christina Nannou**
	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
Afternoon	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. Alexandros Tsoupras (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
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 therpy and theranostic **Assoc. Prof. Nébéwia Griffete and Anne Vallée (SU)**
	14:30 - 14:45	Break time
	14:45 - 16:15	Nanoparticles for combined therpy 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