



[MedChem Program]

FROM ORGANIC CHEMISTRY TO PHARMACEUTICAL DRUGS

Blended Intensive Programme [BIP]

PROGRAM

2024

JULY 15th - MONDAY

09:15	REGISTRATION	(Room 10)
09:30	OPENING	(Room 10)
09:30	Prof. Doutor Carlos Afonso, Organic and Pharmaceutical Chemistry Laboratory Responsible	
09:50	Prof. Doutor Domingos Ferreira, FFUP Dean	
	Prof. Doutor Agostinho Almeida, FFUP Mobility Coordinator	
09:50	Course Introduction	(Room 10)
11:20	Prof. Doutor Carlos Afonso	
11:20	BREAK	(Room 10)
11:30	Organic Compounds and Chemical Reactivity	(Room 10)
13:00	Prof. Doutor Maria Elizabeth Tiritan	
13:00	LUNCH BREAK	
14:30	Molecular recognition in the mechanism of action of drugs	(Room 10)
16:45	Prof. Doutor Carla Fernandes	

JULY 16th - TUESDAY

09:00	Factors that affect drug activity	(Room 10)
10:30	Prof. Doutor Carla Fernandes	
10:30	BREAK	
10:45	Discovery and development of new drugs; case studies: Natural Products - Part 1	(Room 10)
11:45	Prof. Doutor Honorina Cidade	
11:45	BREAK	
12:00	Discovery and development of new drugs; case studies: Natural Products - Part 2	(Room 10)
13:00	Prof. Doutor Marta Correia da Silva	
12:45	LUNCH BREAK	
14:15	Field Trip - CIIMAR (Matosinhos)	(CIIMAR - Bus 507)
18:30	Doutor Ana Sara Gomes	

JULY 17th - WEDNESDAY

09:30 **Analysis of drugs and pharmaceuticals**

11:00 Prof. Doutor Carlos Afonso

(Room 10)

11:00 **BREAK**

11:15 **Discovery and development of new drugs; case studies: Synthesis - Part 1**

12:30 Prof. Doutor Emília Sousa

(Room 10)

12:30 **LUNCH BREAK**

14:00

14:00 **Laboratorial Component**

18:00 MSc. José Xavier Soares

(Laboratory - 17.P2.E2)

JULY 18th - THURSDAY

09:00 **Discovery and development of new drugs; case studies: Synthesis - Part 2**

10:15 Prof. Doutor Emília Sousa

(Room 10)

10:15 **BREAK**

10:30

10:30 **Discovery and development of new drugs; case study 1:
in the Organic and Pharmaceutical Chemistry Laboratory**

(Room 10)

11:15 Prof. Doutor Honorina Cidade

11:15 **BREAK**

11:30

11:30 **Discovery and development of new drugs; case study 2:
in the Organic and Pharmaceutical Chemistry Laboratory**

(Room 10)

12:15 Prof. Doutor Marta Correia da Silva

12:15 **LUNCH BREAK**

14:00

14:00 **Practical Component**

15:00 MSc. José Xavier Soares & Doutor Ana Sara Gomes

(Computer Room - 15 & 16.P1.E3)

JULY 19th - FRIDAY

09:30 **Evaluation**

11:00 Prof. Doutor Honorina Cidade & Prof. Doutor Marta Correia da Silva

(Computer Room - 15 & 16.P1.E3)

11:00 **BREAK + "Family" Photo**

11:15 **Poster Session** (Electronic Flash Communications)

12:45 Prof. Doutor Emília Sousa & Prof. Doutor Carla Fernandes

(Room 10)

Closing

Prof. Doutor Carlos Afonso

(Room 10)



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di Catania

