

POLYTHEA School, 26th – 30th November 2018, Coimbra, Portugal

Fundamentals of Photodynamic Therapy

Time	Tuesday	Wednesday	Thursday	Friday
9:00 – 10:30	Medicinal chemistry Luis Arnaut	Basic Photophysic and photochemistry1 Kasia Matczyszyn	Photobiology Lígia Silva	Antimicrobial photodynamic treatment: a focus on environmental applications Stephanie Lhez
10:30 – 11:00	<i>Coffee break</i>	<i>Coffee break</i>	<i>Coffee break</i>	<i>Coffee break</i>
11:00 – 12:30	Photomedicine Mathias Senge	Basic Photophysic and photochemistry2 René Williams	Animal experimentation Susana Barroso	Luzitin Sérgio Simões
12:30 – 14:00	<i>Lunch (Colégio de Jesus)</i>	<i>Lunch (Colégio de Jesus)</i>	<i>Lunch (Colégio de Jesus)</i>	<i>Lunch (Colégio de Jesus)</i>
14:00 – 15:30	Synthesis of photosensitizers1 Mathias Senge	Practical lessons Carlos Serpa and Fábio Scharbele	Small animal imaging George Loudos	Men and Women in Science Valerie Legros
15:30 – 16:00	<i>Coffee break</i>	<i>Coffee break</i>	<i>Coffee break</i>	<i>Coffee break</i>
16:00 – 17:30	Synthesis of Bioconjugates for PDT applications Mariette Pereira/ Mário Calvette	Practical lessons Carlos Serpa and Fábio Scharbele	PDT for cancer treatment Janusz Dabrowski	Philosophy of sciences and technology, ethics and research integrity issues, societal impact of innovation of the human being Sophia Sarpaki
17:30 - 18:00	<i>Coffee break</i>	<i>Coffee break</i>	<i>Coffee break</i>	<i>Coffee break</i>
18:00 – 19:30	Analytical methods (X-ray, NMR) Bruno Therrien	Guide visit to Criptoporticus	Introduction to Biofilms Sandra DA RE	