

cE3c advanced course “Until death do us apart: living in a symbiotic world”

Program

	Monday 3 February	Tuesday 4 February	Wednesday 5 February	Thursday 6 February	Friday 7 February
8:45-9:00	Registration Room 2.3.37	Room 2.3.37	Room 2.3.37	Room 2.3.37	Room 2.2.16
09:00-10:00	Eukaryote evolution ¹ (Ricardo Melo)	<i>Rhizobium</i> (Isabel Videira e Castro)	Microbiome and oral health (Nuno Taveira)	Biological individuality ² (Davide Vecchi)	Discussion
10:00-10:30	Mutualism - parasitism continuum (Ana Corrêa)	Plant microbiome (Paolo Vaglini)	Discussion	<i>Wolbachia</i> (Luis Teixeira)	Symbiosis in Artificial Intelligence (Luís Correia)
10:30-11:00					
11:00-11:30	Coffee-break	Coffee-break	Coffee-break	Coffee-break	Coffee-break
11:30-12:30	Lichens (Silvana Munzi)	Symbiosis Project	Ecosystem services (Teresa Dias)	Symbiosis of knowledge (Henrique Leitão)	Industrial symbiosis (Adriel Rodrigues)
12:30-13:00	Lunch	Lunch	Lunch	Lunch	Lunch
13:00-13:30					
13:30-14:00	Lichens (Silvana Munzi)	Microbiology/ Biofilm (Juliana Melo Cristina Cruz)	The secret life of the gut! Guided visit to the Exposition ⁵	Game theory/cooperation (Francisco Dionisio)	Agroecology (Horta FCUL)⁴
14:00-14:30				Mycorrhizas (Luís Carvalho Patricia Correia Ana Corrêa)	
14:30-15:00					Coffee-break
15:00-15:30	Coffee-break	Coffee-break		Coffee-break	Coffee-break
15:30-16:00	Evolutionary Process ³ (Francisco Carrapiço)	Microbiology/ Biofilm (Juliana Melo Cristina Cruz)		Coffee-break	Symbiosis Project
16:00-16:30					
16:30-17:00	Symbiosis Project	Symbiosis Project	Mycorrhizas (Luís Carvalho Patricia Correia Ana Corrêa)	Symbiosis Project	
17:00-18:00					Closure

Bold=practical lessons

¹Eukaryogenesis: a tale of Norse gods and the way of Zen

²The Interactive construction of biological individuality

³Beyond neo-Darwinism. A symbiogenic approach to evolution

⁴Agroecology: symbiotic processes applied to agricultural production systems

⁵<https://www.pavconhecimento.pt/pum-a-vida-secreta-dos-intestinos/>