



The Crucial Role of Life Sciences in Undertaking Solutions for Human Well-being and Environmental Sustainability

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Date	Time	Course title	Lecturer/Coordinator	Meeting place (actual location)
WEEK 1				
08 July (Mon)	08:00-09:00 09:00-10:00	Registration - All JASSY modules JASSY Summer School opening Brief introduction of the JASSY coordinators Keynote presentation "Jassy: Connecting Knowledge" delivered by Assoc.Prof.dr. Dana Bădulescu, Faculty of Letters		Mihai Eminescu Aula Magna Building A, 1 st floor
	10:00	Group photo - All JASSY modules		UAIC main entrance – the Two Lions
	10:00-11:00	LS module organizational coordinates. Getting to know the participants - 5' talks	Brîndușa-Alina Petre	CUI - Irineu Mihălcescu room Casa Universitarilor
	11.30-13.30	Proteins, Enzymes, and Antibodies as Molecular Vehicles for Investigating Human Health and Diseases (L)	Brîndușa-Alina Petre	
	16:30-18:00	Introduction to UAIC – Iași University – guided tour. Presentation of the Palace of the University (1897) and its Painting Gallery “Hall of Echoing Lost Steps”, Tafrali Bookstore, UAIC Campus (FA). All JASSY modules	Mihai Bulai	UAIC main entrance – the Two Lions
18:00–19:30	JASSY reception and welcome buffet. All JASSY modules		Terrace of CUI/ Casa Universitarilor	
09 July (Tue)	10:00-11:00	New weapons to fight antimicrobial resistance (L)	Marius Ștefan	CUI Irineu Mihălcescu room
	11:30-13:30	Quick quiz student assessment		
	16:00-19:00	Guided tour of the city of IAȘI–„the city of creators” (FA). Visit of the Iași National Opera & Theater Grand Hall. All JASSY modules	Mihai Bulai & Cristian Manuel Foșalău	UAIC main entrance – the Two Lions
10 July (Wed)	09:00-11:00	Resilience for sustainability: responding and adapting to global, regional and local shocks and threats (L/PA)	Alexandru Bănică	CUI - Irineu Mihălcescu room
	11:30-13:30	Quick quiz student assessment		
	15:00-18:00	Guided visit of the “Palace of Culture”, the Former Princely Palace of Moldavia (FA) All JASSY modules	Mihai Bulai Cristian Manuel Foșalău	Palace of Culture (main entrance)
11 July (Thu)	09:00-11:00	A Critical Analysis of Empiric Antibiotics Treatment: Health Benefits versus Environmental Risks (L/PA)	Doina Lutic	Laboratory of Material Chemistry Building A
	11:30-13:30	Quick quiz student assessment		
	16:00-19:30	Birdwatching and Ecotourism principles. Plants and birds’ diversity – visit of Botanical Garden of Iași, owned by UAIC (FA) All JASSY modules	Carmen Gache & Cristiana Virginia Petre	UAIC main entrance – the Two Lions
12 July (Fri)	09:00-11:00	MALDI ToF mass spectrometry- a bioanalytical tool for analysing peptides and proteins (FA)	Brîndușa-Alina Petre	TRANSCEND -IRO
	11:30-13:30	Identifying biological species using DNA barcoding (L/FA)	Lucian Fusu	B373/B362, Building B
	15:00-18:00	Quick quiz student assessment		
13 July (Sat)	09:00-14:00	Introduction in kayaking (FA) No skills required. (also during rain; All JASSY modules)	Alexandru Oprean Marin Chirazi	UAIC main entrance – the Two Lions
14 July (Sun)	10:00-16:30	Preparation of Outdoor Activities – excursion around Iași (introduction to outdooring, choosing the right equipment, bird watching, local gastronomy, using apps for outdoor activities etc.) All JASSY modules (FA)	Lucian Roșu Constantin Ion Mihai Bulai	Meet at 10.00h at Iași Train Station (Gara Mare) – train to Bârnova (25 km)



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WEEK 2				
15 July (Mon)	10:00-11:00	Enzymes in everyday life (L/FA)	Robert Grădinaru	Laboratory of Biochemistry Building A
	11:30-13:30	<i>Quick quiz student assessment</i>		
	15:00-19:00	Wine technology and tasting techniques at the Oenological Institute of Iași OII University of Life Sciences IULS (W) <i>All JASSY modules: 15:00h – First group (max 25 pers) 17:00h – Second group (max 25 pers)</i>	Ramona Danac Mihai Bulai	Meeting at UAIC – <i>the Two Lions (bus to OII-IULS)</i>
16 July (Tue)	09:00-11:00	Applications of remote sensing in the evaluation of environmental risks(L/PA)	Adrian Ursu	CUI - <i>Irineu Mihălcescu</i> room
	11:30-13:30	<i>Quick quiz student assessment</i>		
	15:00-17:00	The Psychology of Appearance: A Crosscultural Approach to First Impressions. (W)	Athes Haralambie Lucian Roșu	CUI <i>Ion Simionescu</i> Conference hall
	17:00-19:00	Debate on contemporary Eastern European issues: post-Covid Economic challenges, Regional Security, Environmental challenges.	Module Coordinators (Mihai Bulai)	
17 July (Wed)	09:00-11:00	MALDI ToF mass spectrometry- a bioanalytical tool for analysing peptides and proteins (FA)	Brîndușa-Alina Petre	TRANSCEND -IRO
	11:30-13:30	From amino acids to biological function – a journey into the structural biology of proteins (L)	Marius Mihășan	Room B460 Building B
	15:00-18:00	From amino acids to biological function – a journey into the structural biology of proteins (FA) <i>Quick quiz student assessment</i>	Marius Mihășan	Room B460 Building B
18 July (Thu)	10:00-11:00	Climate change: the major challenge of the XXI century - facts and observation(L/FA)	Lucian Sfică	CUI - <i>Irineu Mihălcescu</i> room
	11:30-13:30	<i>Quick quiz student assessment</i>		
	15:00-18:00	Plastic pollution of freshwater environments: impacts and mitigation strategies(L/FA) <i>Quick quiz student assessment</i>	Florin-Constantin Mihai	CUI - <i>Irineu Mihălcescu</i> room
19 July (Fri)	10:00-12:00	Student assessment & Feedback	Brîndușa-Alina Petre	CUI - <i>Irineu Mihălcescu</i> room
		Students' recommendations for the next JASSY edition		
	13:00-14:00	Buffet lunch <i>All JASSY modules</i>		Hall of Lost Steps, Building A
	14:00-15:00	JASSY Summer School Closing <i>All JASSY modules</i>		<i>Mihai Eminescu</i> Aula Magna Building A

L = Lecture
W = Workshop
FA = Field Application

	Common activities for some modules
	Common activities for all modules
	Test

Weektime (MON-FRI):

11.00 – 11.30 – coffee-break

13.45 – 15.00 – lunch break (Titu Maiorescu University Cafeteria)

Note: 2 hours of course/field work are usually composed of 50'activity + 10' break.