PROPOSAL FOR ELECTIVE DIDACTIC ACTIVITIES (ADE)
A.A. 2021-2022

TITLE ADE	Biochemical and molecular pathways that link the ER acetylation machinery to protein folding.
PROF./ DR.	Prof. Silvia Zappavigna, Dr. Nicola S. Orefice
SCIENTIFIC DISIPLINARY SECTOR (SSD)	BIO/10
GENERAL AND SPECIFIC OBJECTIVES (MAX 500 CHARACTERS)	Accumulation of misfolded proteins triggers the endoplasmic reticulum-stress condition, which elicits the adaptive unfolded protein response. Prolonged stress due to misfolded proteins induces specific death pathways. Therefore, the first part of this teaching activity will be covering the current biochemical and molecular pathways that modulate proteostasis capacity. The second part outlines the molecular mechanisms underlying chaperone-mediated refolding. Students will undergo multiple-choice tests.

ACTIVITY TYPE	PROPOSED ACTIVITY	MINIMUM DURATION (HOUR)	ADE DURATION (HOUR)	CFU	PROPOSED CFU
LABORATORY ACTIVITY /INTERNSHIPS	□	13	_____	1	_____
MONOGRAPHIC COURSES	□	> 13	_____	1	_____
INTERACTIVE SEMINARS	□	≥ 6,25 (up to12,5)	_____	0,5	_____
INTERACTIVE SEMINARS	□	≥ 12,5	13	1	1

♦ ACADEMIC YEAR	2021/2022
♦ MAXIMUM N. OF STUDENTS	100
♦ STUDENT COURSE YEAR	From II year
♦ BASIC KNOWLEDGE REQUESTED	First-year exams plus Biochemistry exam done
♦ LOCATION	To be defined
♦ DATE (S) AND TIME	March 7th, 8th , 2022, 10:00 a.m. - 4:00 p.m.
♦ BOOKING METHOD	email to: silvia.zappavigna@unicampania.it