

SUBJECT TEACHING GUIDE

M1338 - General Aspects of Neurobiology

Master's Degree in Mental Health Research

Academic year 2022-2023

1. IDENTIFYING DATA

Degree	Master's Degree in Mental Health Research		Type and Year	Compulsory. Year 1
Faculty	Faculty of Medicine			
Discipline	Subject Area: General Aspects of Neurobiology Compulsory Module			
Course unit title and code	M1338 - General Aspects of Neurobiology			
Number of ECTS credits allocated	9	Term	Semester based (1)	
Web				
Language of instruction	Spanish	English Friendly	No	Mode of delivery Online Training

Department	DPTO. FISILOGIA Y FARMACOLOGIA
Name of lecturer	MARIA ELENA CASTRO FERNANDEZ
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Other lecturers	MARIA ANGELES ROS LASIERRA MARIA DOLORES DELGADO VILLAR MARIA DEL MAR SAN MARTIN DIEZ DE TERAN ALVARO MARCELINO DIAZ MARTINEZ SUSANA MATO SANTOS MONICA TRAMULLAS FERNANDEZ NOEMI RUEDA REVILLA CAROLINA ALONSO GONZALEZ ALICIA VERONICA GONZALEZ CABEZA REBECA VIDAL CASADO CARLOS IGNACIO LORDA DIEZ ANA VICTORIA VILLAR RAMOS MARIA FUENCISLA PILAR CUELLAR JORGE E. ORTEGA CALVO ALBERT ADELL CALDUCH ANNA CASTAÑE ANALIA BORTOLOZZI BIASSONI IVAN MANUEL VICENTE

3.1 LEARNING OUTCOMES

- Acquiring a basic knowledge in anatomy, histology, neurophysiology, neurochemistry and pharmacology of the central nervous system (CNS) and the structure-function relationship.

4. OBJECTIVES

To introduce novel students into the principles of mental health research by reviewing topics related with structure and function of the CNS, at biochemical, molecular and cellular levels.

6. COURSE ORGANIZATION

CONTENTS

1	Anatomy, embryology and histology
2	CNS neurophysiology
3	Molecular basis of signaling in the CNS
4	Functional neurochemistry of cell signaling
5	Neuronal plasticity
6	Pharmacology

7. ASSESSMENT METHODS AND CRITERIA

Description	Type	Final Eval.	Reassessn	%
Multiple-choice questions, short-answer questions and problems.	Activity evaluation with Virtual Media	No	Yes	55,00
Participation and involvement in collaborative work.	Work	No	No	25,00
Participation in forums	Others	No	No	13,00
Student's portfolio	Work	No	No	7,00
TOTAL				100,00
Observations				
Activities (15%) Final exam type test (40%)				
Observations for part-time students				
N/A				

8. BIBLIOGRAPHY AND TEACHING MATERIALS

BASIC

En cada tema se incluye una sección de bibliografía básica y otra de información complementaria en el apartado de "Para saber mas".