UNIVERSIDAD DE GRANADA

Instituto de Neurociencias Federico Olóriz

Grupos de investigación

Area of Health Sciences and Technologies

CTS 109: Neuropharmacology of Pain

Coordinador: José Manuel Baeyens Cabrera. E-mail: @email - Tel. 958243538

1. Functional involvement of sigma1 receptors in pain perception mechanisms.
2. Biochemical study of sigma1 receptors labeled with [3H](+)pentazocine.
3. Mechanisms involved in the analgesic effects of G protein-coupled receptor agonists.

CTS 115: Tissue Engineering

Coordinator: Pascual Vicente Crespo Ferrer. E-mail: pvcrespo@histolii.ugr.es – Tel. 958243515

CTS 187: Childhood Nutrition and Metabolism

Coordinator: Cristina Campoy Folgoso. E-mail: @email – Tel. 958240740

CTS 202: Endocrinology and Metabolism

Coordinator: Mª Esperanza Ortega Sánchez. E-mail: @email – Tel. 958243517

1. Analysis of the hypothalamus-pituitary-gonad axis and its interactions with the hormones of the growth, thyroid and stress axes.
2. Study of sex and stress hormones in different pathophysiological situations.
3. Study of genes regulated by hormones.
4. Study of the structure and function of proteins.

CTS 322: : Andalusian Mental Health Research Group

Coordinator:Jorge A. Cervilla Ballesteros. E-mail: @email. 958241536

1. Epidemiology and risk/protective factors for mental disorders in the community (PISMA-ep Project).

Copyright© 2025 Universidad de Granada

2. Psychopathology and treatment of delusional psychoses (PARAGNOUS and DELU-TREAT Projects).
3. Psychosis in Neurodegenerative Diseases (Project 10/66).
4. Gene-environment interaction in mental disorders (Depregene, Pisma-Gene, and Predict-Gene Projects).
5. Identification of new psychotic phenotypes (Pheno-Psych Project).
6. Comorbidity between somatic and mental disorders (Med-Psych Project).

CTS 438: : Study of neurodegenerative diseases in Andalusia

Coordinator: Francisco Vives Montero. E-mail: fvives@ugr.es – Tel. 958243525

1. Neuroprotective mechanisms in experimental Parkinson's: electrophysiological, neurochemical and behavioral studies
2. Neurochemistry of parkinson's disease
3. Study of the activity of brain aminopeptidases
4. Memory and aging
5. Mechanisms of cell death (apoptosis and necrosis): role of intracellular ions.

CTS 549: Psychiatry and Neurosciences

Coordinator: Luis Gutiérrez Rojas. E-mail: @email. Tel. 958240704 y 958240711

CTS 628: Psychiatry, Biology and Environment (PSYBAM Group); CIBERSAM member group (ISCIII)

Coordinator: Blanca Gutiérrez Martínez. E-mail: @email - Tel. 958242075

1. Environmental genetic interaction in Neuropsychiatry.
2. Psychiatric Genetics: Detection of genetic factors involved in the origin of common mental disorders (depression, anxiety, psychosis, dementia, etc.)
3. Risk Factors and Prevention in Mental Diseases: Study of genetic-environmental interactions in the prediction of the risk and/or prevention of mental disorders.
4. Pharmacogenetics: Identification of genetic profiles that predict clinical response to pharmacological treatment.

HUM-784: : Neuroplasticity and Learning

Coordinator: Milagros Gallo Torre. E-mail: @email – Tel. 958240664

1. Psychobiology of learning and memory.
2. Neurobiology of aversive gustatory learning.

Copyright© 2025 Universidad de Granada

3. Hippocampal function, aging and restoration of cognitive functions.
4. Ontogeny of behaviour.

Area of Life Sciences

BIO 195: Neurobiología del sistema visual

Coordinador: José Manuel Rodriguez Ferrer. E-mail: @email – Tel. 958243541

1. Neurofisiología y neuroquímica de las vías visuales y la corteza cerebral.
2. Histología de los receptores del oído interno.
3. Psicobiología del aprendizaje.
4. Memoria y envejecimiento.
5. Mecanismos implicados en la autoestimulación de la corteza cerebral.

BIO 277: Biosanitary

Coordinator: Concepción Ruiz Rodríguez. E-mail: @email – Tel. 958248029

1. Study of the antigenic and functional phenotype of different cell populations using primary cultures.
2. Molecular effect of Platelet Rich Plasma (PRP) on human osteoblasts
3. Effect of non-steroidal anti-inflammatory drugs (NSAIDs) on different physiological and functional parameters of osteoblasts, assessed in primary cultures and in established osteosarcoma lines.
4. Study of cellular adhesion of osteoblasts on different surfaces, in order to promote bone integration.
5. Effect of stress on different immunological parameters.

Copyright© 2025 Universidad de Granada