



LISTADO COMUNICACIONES ORALES

Sesión 1. Histología

C2. Comparative ocular morphology and corneal histology in four avian species with different ecological patterns

R. Cobo Velacoracho, A. Navarro Sempere, A. García Martínez, E. Valero Picó, Y. Segovia Huertas, M. García Irles

C3. Chronic HIIT Enhances Skeletal Muscle Anabolic Signaling Through Myostatin, Follistatin and Atrogin-1 Modulation

D. Fernández Lázaro, J. Seco Calvo, E. Garrosa, H. Castro Abril, J. Mielgo Ayuso, A. M. Celorrio San Miguel, M. Garrosa

C4. Combined Aerobic Training and Vitamin D Restore Bone Microarchitecture through Reactivation of Wnt/ β -Catenin Signaling in Oxidative Stress-Induced Bone Damage

D. Fernández Lázaro, M. Shariati, H. Fatollahi, B. N. Bellovary, M. Hofmeister, E. Garrosa, S. Rezaian, M. A. Azarbayjani

C5. NET Formation Induced by Mesoporous Silicon Microparticles Used as Adjuvants for Protein- and Peptide-Based Vaccines in Mice

J. A. Cendra, A. Lopez, N. Cuesta Rubio, E. Martinez Naves, M. M. Gómez del Moral Martín Consuegra

C6. Growth factor-supplemented, cell-laden hydrogels for sclero-corneal limbal construct development.

N. Andollo Victoriano, A. Agirrebengoa Arrieta, C. Romo Valera, M. Rodriguez Astigarraga, A. García García, L. Pérez Álvarez, M. Pérez Garrastachu

C7. Characterization of stress proteins (HSP-70) and collagen synthesis in sea anemones *Bunodosoma* sp. after experimental wound: toward therapeutic application in fibroblasts

F. M. Matadamas-Guzmán, M. I. Guerrero-Legarreta, A. Román-Guerrero, X. Guzmán-García

Sesión 2. Histopatología

C9. Can we identify basal type non-muscle-invasive urothelial carcinomas using immunohistochemistry?

M. Gándara-Cortés, M. Castro Iglesias, P. San Miguel Fraile, L. García-Caballero, A. Ferreirós, R. Gallego, C. Gómez de María, E. López Díez, T. García-Caballero, J. A. Ortiz-Rey

C10. LSEC PCSK9 Inhibition In Vivo Reduces Colorectal Liver Metastasis

I. Badiola Etxaburu, A. Martín San Sebastián, M. Duarte, H. García García, J. Egua, A. Benito Vicente, P. García-Gallastegui, F. J. Saez Crespo, N. Fontal, A. Sánchez, I. Bañares, J. Márquez, O. Crende Arruabarrena

C11. Gastric ischemia-reperfusion induces tissular damage in multiple remote organs.

R. Ruiz Villarreal, N. Beltran, B. Gomez Gonzalez, M. Garcia Lorenzana

C12. Impact of the 2022 WHO Classification on Follicular Cell-Derived Thyroid Neoplasms: A Morphological Reappraisal of 54 Cases

F. Leiva-Cepas, J. Osuna-Soto, J. Sáenz-Trenado, M. Jurado-Rivera, A. González-Menchén

C13. Complete Abscense of IgA Staining in Renal Biopsies as a Diagnostic Clue to Selective IgA Deficiency: A Two-Centre Case Series.

F. Leiva-Cepas, V. Dávila-Flores, J. Sawas-Abuamin, J. Agustín-Camacho, K. Soltysiak-Taraska

C14. Cardiac changes induced by mesenchymal stem cell-derived extracellular vesicles after myocardial infarction

C. Ríos Navarro, T. Molina García, M. Gómez Ferrer, M. O. Pareja, M. Ortega, P. Sepúlveda, V. Bod, A. Ruiz Saurí

C15. Development of Bioactive Prosthetic Interfaces via 3D Printing to Prevent Mesh-Related Infections in Hernia Repair.

B. Pérez-Köhler, S. Benito-Martínez, D. Scaini, J. Pedraz Muñoz, G. Pascual

Sesión 3. Neurohistología

C16. Alterations in the protein levels and surface distribution of mGlu5 receptors in the hippocampus of 5xFAD transgenic mice

C. Aguado Rubio, R. A. Puertas Avendaño, R. Alfaro Ruiz, M. de los Llanos Martínez Poyato, M. Fernández Fernández, A. E. Moreno Martínez, R. Luján Miras

C17. Astrocytes from Alzheimer's disease patient iPSCs develop intrinsically a senescent phenotype that compromises their functionality

J. A. García León, L. Cáceres Palomo, L. Trujillo Estrada, J. J. Pérez Moreno, E. López Oliva, A. Pascual, J. Vitorica, A. Gutiérrez

C18. Chronic Exposure to Volcanic Pollutants Induces Astrocytic and Microglial Responses in the Spinal Cord of Wild Mice

A. Navarro Sempere, R. Cobo Velacoracho, L. Moreno Sarría, A. González Fernández, A. Dos Santos Rodrigues, P. Ventura Garcia, R. Dos Santos Camarinho, M. García Irles, Y. Segovia Huertas

C19. Morphological characterization of microglial after germinal matrix hemorrhage and changes after MSC cell therapy

A. Anguita Guardia, L. M. Rodríguez Pérez, J. López de San Sebastián, D. Prados Jiménez, A. J. Jiménez Lara, P. Páez González

C20. Pro-survival effects of Methylene Blue are mediated by several pathway-dependent mechanisms

R. Peláez Cristóbal, E. Menéndez-Pérez, P. Sarrión, L. González-López, P. de Blas-Rioja, A. Aranalde, R. Nakamura, N. Ciranna, J. C. Fernández, L. Fontecha-Nestares, A. Pérez-Sala, M. Rey-Funes, E. Martínez-Pinilla

C21. Neuroprotective Effect of Long-Term Methylene Blue Treatment in an Intraorbital Optic Nerve Compression model.

N. S. Ciranna, R. Nakamura, A. P. Aranalde, J. C. Fernández, A. N. Olariaga Cerrudo, J. J. López Costa, R. Peláez, C. F. Loidl, A. Martínez, M. Rey Funes

C22. Retinal Neuroprotection via Long-Term Methylene Blue Administration in a Glaucoma Model.

R. Nakamura, J. C. Fernández, V. B. Dorfman, J. J. López Costa, R. Peláez, C. F. Loidl, A. Martínez, M. Rey Funes, N. S. Ciranna, A. P. Aranalde

C23. Retinal photoreceptor degeneration changes dendritic spine distribution in layer 2/3 pyramidal neurons of the visual cortex of the rat

J. R. Martínez Galán, M. García Belando, S. López López, J. J. Cabanes Sanchís, E. Caminos Benito

C24. Informational Structures as a Topological Framework for Validating Automated Neuronal Segmentation in Spinal Cord Histology

F. J. Esteban, P. Ruiz-Amezcu, J. A. Langa, F. Soler, T. Caraballo, E. Vargas, R. Maza, M. Nieto-Díaz

C25. Direct Olivo-Thalamic Projections: An Unexpected Source of Drivers for the Auditory Thalamus

E. Saldaña, H. Rincón, M. Gómez Martínez, M. Gómez Álvarez

C26. Histopathological Expression of Calcification-Related Biomarkers and Their Association with Survival in Glioblastoma

M. A. Ortega Núñez

C27. Size-Fractionated Serum Exosomal Proteome in Active Crohn's Disease: A Case-Control Study

M. A. Ortega Núñez

Sesión 4. Ingeniería Tisular y Terapias Avanzadas

C29. Obtaining a Multilayered Urethral Substitute by Tissue Engineering using Biocompatible Biomaterials

D. Sánchez-Porras, O. Ortiz-Arrabal, H. Kristin, N. Pérez-Barraza, F. Bermejo-Casares, M. C. Sánchez-Quevedo, R. Fernández-Valadés, O. D. García-García

C30. Analysis of the Therapeutic Potential of the Human Artificial Cornea NANOULCOR Generated as an Advanced Therapy Medicinal Product.

J. Chato-Astrain, D. Sánchez-Porras, C. González-Gallardo, S. Aguilar-Pérez, N. Pérez-Barraza, I. Garzón, M. A. Martín-Piedra, M. C. Sánchez-Quevedo, A. Campos, M. Alaminos

C32. Characterization of Holothurian Ossicles as Osteoactive Particles for use in Tissue Engineering of Bone Regions of the Oral Cavity

O. Ortiz-Arraba, E. España-Guerrero, F. Bermejo-Casares, F. Campos, P. V. Crespo, M. Alaminos, M. Á. Martín-Piedra, I. Garzón

C33. Post-extraction ridge preservation using a bone matrix and platelet-rich fibrin graft: A translational clinical-experimental study.

S. Fontana, M. A. Gomez Rosso, J. Fernández, I. Zorrilla, O. Calabrese, L. Gagey, M. J. Kaplan, L. R. Belotti, C. Sobrero, D. Fontana, L. M. Plavnik

C34. Modular hyaluronic acid conduits loaded with aligned polylactic acid microfibers for sciatic nerve regeneration: histological assessment in a rabbit model

L. Milián, F. Gisbert-Roca, M. Monleón Pradas, L. Bravo Baranda, M. Sancho-Tello, M. Mata, C. Martínez-Ramos

C35. Therapeutic Efficacy of Genipin-Crosslinked 3D-Printed PLLA Hybrid Conduits for Peripheral Nerve Repair

M. Etayo-Escanilla, D. Sánchez-Porras, P. Ávila-Fernández, O. D. García-García, E. Khoury-Martin, J. Chato-Astrain, F. Campos, S. I. Vieira, M. Pegueroles, V. Carriel

C36. From Host Response to Nerve Repair: Characterization and In Vivo Efficacy of Mesh-Reinforced Decellularized Biogenic Conduits

Ó. D. García García, M. Etayo Escanilla, P. Ávila Fernández, J. Losilla Rodríguez, E. Khoury Martín, J. Chato Astrain, M. Pegueroles, F. Campos, V. Carriel

C37. Development of Microhair Follicle-Like Structures and their Application in the UGRSKIN Tissue-Engineered Skin Model.

H. Kristin, A. Ros-Faro, P. Ávila-Fernández, O. Ortiz-Arrabal, O. García-García, N. Pérez-Barraza, M. Alaminos, P.V. Crespo, J. Chato-Astrain

C38. Evaluation of the Regenerative Potential of Cannabidiol-Loaded Nanoparticles in an In Vitro 3D Human Skin Model.

C. Rivas-Santos, S. Benito-Martínez, M. Rodríguez, P. L. Echevarria-Torres, L. García-Fernández, L. Rojo, M. R. Aguilar, G. Pascual

C39. An ATMP-Based Squamous Cell Carcinoma Platform for Personalized Therapeutics and Oncology Drug Discovery

P. Ávila-Fernández, D. Sánchez-Porras, H. Kristin, F. Campos, M. Etayo-Escanilla, D. Durand-Herrera, J. Chato-Astrain

C40. Adrenomedullin-Targeted RNA Vaccination Reduces Angiogenesis and Tumor Burden in Melanoma Mouse Models

S. Tadic, J. García-Sanmartín, J. Narro-Iñiguez, L. Ochoa-Callejero, A. Martínez

Sesión 5. Innovación Docente e Inteligencia Artificial

C41. Student engagement with a flipped classroom model

F. J. Sáez Crespo, L. Jiménez Rojo

C42. An evaluation of practical examination formats in Histology: analysis of student perception and time allocation constraints.

N. Martinez Ruiz, J. L. Girela Lopez

C43. Novel approaches in histology and embryology teaching: Gamification as a way to drive learning and internationalization

M. A. Gomez Rosso, S. Fontana, L. Plavnik, J. Fernández, L. Hernandez, M. Rocamundi, A. Pelaez-González, J. A. López-Villodres, D. Bermúdez

C44. Interactive Histological Images Foster Learning and Health-Related Vocations Among Pre-University Students During Science Week Activities

D. Fernández Lázaro, A. M. Celorrio San Miguel, G. Santamaría Gómez, E. Garrosa

C45. How to motivate students for microscopic observation? “My Histological Eye” project.

L. García-Caballero, A. Ferreirós, M. Gándara, I. Tarrío, P. Masa, L. Piñón, C. Guerra-Tort, G. García, A. Teijeiro, T. García-Caballero, R. Gallego

C46. Interactive images as a tool to support the acquisition of practical skills in specialised histology

O. García Sánchez, M. Á. Pérez de la Cruz, M. Vidal Madrid, E. Gutiérrez Campelo, L. Benito Garzón

C47. An Ontologically Anchored, Interactive Digital Framework for Human Histology

E. Vargas, Ó. H. Ocaña, F. J. Esteban

C48. Inclusive Histology: making Histology accessible to people with disabilities

L. Benito Garzón, O. García Sánchez

C49. Development and implementation of CAIJAL: An AI-driven chatbot for autonomous learning and clinical correlation in General Histology.

J. L. Girela Lopez, N. Martínez Ruiz

Sesión 6. Innovación Docente/Histología y Reproducción

C50. From Biobank to Classroom: A Multicentre Reference Model for Practical Histology Education

F. Leiva-Cepas, A. Escamilla Sanchez, L. Camacho Iglesias, S. Ordóñez-Mata

C51. Histology Competence Across Early Anatomic Pathology Residency: A Comparative Study of First- and Second-Year Residents

M. Sánchez-Lopera, F. Leiva-Cepas, J. Sawas-Abuamin, J. Osuna-Soto

C52. From blackboard to hybrid classroom: a teaching guide for transitioning from TIC to TAC in Regenerative Medicine and Dentistry using Moodle and web technologies

C. Trejo Iriarte, L.J. Martínez Vega, J.M. Toriz Maldonado, M.A. Solorzano Cervantes, A.A. Salinas Martínez, L.F. Tobias López, M.G. Pascual González

C53. Instagram-Based Microlearning in Undergraduate Histopathology: Engagement and Student Perceptions in a Medical Pathology Course

F. Leiva-Cepas, J. Osuna-Soto, J. Sawas-Abuamin, I. Cuenca-González, M. Sánchez-Lopera

C54. Assessment of Deep Learning: Project-Based Learning as a Tool to Evaluate the Application of Acquired Knowledge in a Tissue Engineering Exam.

M. N. Andollo Victoriano, A. Abarrategi López

C56. Testicular parenchyma of seminiferous tubule terminal segment: tissue changes in aged testes.

V. Seco Rovira, E. Beltrán Frutos, J. Martínez Hernández, J. F. Madrid, L. M. Pastor

C57. Na⁺/H⁺ exchanger (NHE11) subcellular dynamics in bovine sperm using fluorescence and high-resolution microscopy.

L. Díaz Fuster, L. Junquera Candela, P. Sáez Espinosa, L. Gómez Robles, M. J. Gómez Torres

C58. Seminal Plasma-Derived Extracellular Vesicle Isolation and Characterization by Transmission Electron Microscopy (TEM) in Patients Undergoing IVF/ICSI Treatment

M. Hernández Falcó, C. Almiñana, S. Bauersachs, I. Peinado, P. Sáez Espinosa, M. J. Gómez Torres

Nota: Las comunicaciones orales C1, C8 y C55 se han cambiado, a instancias de los autores, a la modalidad de póster, pudiendo ser visualizadas en el apartado