I+D+i

Dinámica del microbioma en piel, branquia y contenido intestinal de salmón del Atlántico afectado con cuadros ulcerativos de piscirickettsiosis

M. Godoy[1,2]*, D. Caro[1], M. Montes de Oca[1]

[1] Centro de Investigaciones Biológicas Aplicadas (CIBA), Puerto Montt, Chile
[2] Laboratorio de Biotecnología Aplicada, Facultad de Ciencias de la Naturaleza, Escuela de Medicina Veterinaria, Universidad San Sebastián, Sede de la Patagonia, Puerto Montt, Chile

*marcos.godoy@ciba.cl

Coca, Y., Godoy, M., Pontigo, J., Caro, D., Maracaja-Coutinho, V., Arias-Carrasco, R., Rodríguez-Córdova, L., de Oca, M., Sáez-Navarrete, C. & Burbulis, I. 2023. Bacterial networks in Atlantic salmon with Piscirickettsiosis. Scientific Reports, 13: 17321.
Godoy, M., Coca, Y., Suárez, R., Montes de Oca, M., Bledsoe, J., Burbulis, I., Caro, D., Pontigo, J., Maracaja-Coutinho, V., Arias-Carrasco, R., Rodríguez-Córdova, L. & Sáez-Navarrete, C. 2023. Salmo salar Skin and Gill Microbiome during Piscirickettsia salmonis Infection. Animals, 14: 97.
Li, W., Stirling, K., Yang, J. & Zhang, L. 2020. Gut microbiota and diabetes: From correlation to causality and mechanism. World journal of diabetes, 11: 293-308.
Morales-Rivera, M., Valenzuela-Miranda, D., Nuñez-Acuña, G., Benavente, B., Gallardo-Escárate, C., & Valenzuela-Muñoz, V. 2022. Atlantic Salmon (Salmo salar) Transfer to Seawater by Gradual Salinity Changes Exhibited an Increase in The Intestinal Microbial Abundance and Richness. Microorganisms, 11: 76.
National Human Genome Research Institute. 2024. Microbioma. En Glosario de términos genómicos y genéticos. [https://www.genome.gov/es/genetics-glossary/Microbioma].
Romano, S., Savva, G., Bedarf, J., Charles, I., Hildebrand, F. & Narbad, A. 2021. Meta-analysis of the Parkinson's disease gut microbiome suggests alterations linked to intestinal inflammation. npj Parkinsons Dis., 7: 27.
Sernapesca. 2023. Informe sanitario con información sanitaria de agua dulce y mar año 2022. [https://www.sernapesca.cl/app/uploads/2023/10/informe_sanitario_con_informacion_sanitaria_de_agua_dulce_y_mar_ano_2022.pdf]
Taniya, M., Chung, H., Mamun, A., Alam, S., Aziz, M., Emon, N., Islam, M., Hong, S., Podder, B., Ara Mimi, A., Aktar Suchi, S. & Xiao, J. 2022. Role of Gut Microbiome in Autism Spectrum Disorder and Its Therapeutic Regulation. Frontiers in cellular and infection microbiology, 12: 915701.
Varesi, A., Pierella, E., Romeo, M., Piccini, G. B., Alfano, C., Bjørklund, G., Oppong, A., Ricevuti, G., Esposito, C., Chirumbolo, S. & Pascale, A. 2022. The Potential Role of Gut Microbiota in Alzheimer's Disease: From Diagnosis to Treatment. Nutrients, 14: 668.
Villasante, A., Ramírez, C., Rodríguez, H., Dantagnan, P., Hernández, A., Figueroa, E., & Romero, J. 2022. Dietary carbohydrate-to-protein ratio influences growth performance, hepatic health and dynamic of gut microbiota in atlantic salmon (Salmo salar). Animal Nutrition, 10: 261-279).