



INTREPIDUS

Nanoporous-Membranes for Intrathecal (Pseudo)Delivery of Drugs

DISSEMINATION

PUBLISHED PAPERS

1. Schreiner, T. G., Tamba, B. I., Mihai, C. T., Lőrinczi, A., Baibarac, M., Ciobanu, R. C., & Popescu, B. O. (2022). Nanoporous Membranes for the Filtration of Proteins from Biological Fluids: Biocompatibility Tests on Cell Cultures and Suggested Applications for the Treatment of Alzheimer's Disease. *Journal of Clinical Medicine*, 11(19), 5846. | <https://doi.org/10.3390/jcm11195846>.
2. Stanciu, G. D., Ababei, D. C., Rusu, R. N., Bild, V., & Tamba, B. I. (2022). Exploring the Involvement of the Amyloid Precursor Protein A673T Mutation against Amyloid Pathology and Alzheimer's Disease in Relation to Therapeutic Editing Tools. *Pharmaceutics*, 14(6), 1270. | <https://doi.org/10.3390/pharmaceutics14061270>
3. Manuel, M. G., Tamba, B. I., Leclere, M., Mabrouk, M., Schreiner, T. G., Ciobanu, R., & Cristina, T. Z. (2023). Intrathecal pseudodelivery of drugs in the therapy of neurodegenerative diseases: Rationale, basis and potential applications. *Pharmaceutics*, 15(3), 768. | <https://doi.org/10.3390/pharmaceutics15030768>
4. Schreiner, T. G., Menéndez-González, M., Adam, M., Popescu, B. O., Szilagyi, A., Stanciu, G. D., ... & Ciobanu, R. C. (2023). A Nanostructured Protein Filtration Device for Possible Use in the Treatment of Alzheimer's Disease - Concept and Feasibility after In Vivo Tests. *Bioengineering*, 10(11), 1303. | <https://doi.org/10.3390/bioengineering10111303>

ATTENDANCE AT INTERNATIONAL CONFERENCES

1. Stanciu, G. D. & Tamba, B. I. (2021, November 29 - December 4) Nanoporous-Membranes for Intrathecal (Pseudo) Delivery of Drugs. In *The 46th International Conference AFSTAL "Expérimenter c'est aussi anticiper"*, organized by L'Association Française des Sciences et Techniques de l'Animal de Laboratoire, Palais des Eveniments - Marseille, France
2. Szilagyi, A., Schreiner, T. G., Tomas-Zapico, C., Menendez-Gonzalez, M., & Tamba, B. I. (2023, July). Feasibility and safety of a nanoporous system for intrathecal pseudodelivery of anti-amyloid therapies: proof-of-concept in mice. In *Alzheimer's Association International Conference*. ALZ. | <https://alz.confex.com/alz/2023/meetingapp.cgi/Paper/82298>

TRAINING COURSES

1. FELASA training course, 7th International Course: Care and Use of Laboratory animals (Mice, Rats and Zebrafish), April - June, 2021, Heraklion, Greece
2. 3rd Preclinical Models Imaging Workshop organized by BIOEMTECH, 16-20 October 2023, Athens, Greece