

Contact: dmitry.zaretsky@zar.bio



1. [Zaretsky DV, Zaretskaia MV. The Framework for an Integrative Theory of Alzheimer's Disease. Curr Alzheimer Res. 2025;22\(3\):179-204. PMID: 40353400](#)
2. [Zaretsky DV, Zaretskaia MV. Flow cytometry method to quantify the formation of beta-amyloid membrane ion channels. Biochim Biophys Acta Biomembr. 1863 \(2021\), 183506. PMID: 33171157.](#)
3. [Zaretsky DV, Zaretskaia M. Degradation Products of Amyloid Protein: Are They The Culprits? Curr Alzheimer Res. 17 \(2020\): 869-880. PMID: 33272185.](#)
4. [Zaretsky DV, Zaretskaia MV. Mini-review: Amyloid degradation toxicity hypothesis of Alzheimer's disease. Neurosci Lett. 756 \(2021\), 135959. PMID: 34000347.](#)
5. [Zaretsky DV, Zaretskaia MV. Intracellular ion changes induced by the exposure to beta-amyloid can be explained by the formation of channels in the lysosomal membranes. Biochim Biophys Acta Mol Cell Res. 1869 \(2021\), 119145. PMID: 34606794.](#)
6. [Zaretsky DV, Zaretskaia MV, Molkov YI. Membrane channel hypothesis of lysosomal permeabilization by beta-amyloid. Neurosci Lett. 2022;770:136338. PMID: 34767924.](#)
7. [Zaretsky DV, Zaretskaia MV, Molkov YI. Patients with Alzheimer's disease have an increased removal rate of soluble beta-amyloid-42. PLoS One. 2022 Oct 31;17\(10\):e0276933. PMID: 36315527.](#)
8. [Molkov YI, Zaretsky DV, Zaretskaia MV. Towards the Integrative Theory of Alzheimer's Disease: Linking Molecular Mechanisms of Neurotoxicity, Beta-amyloid Biomarkers, and the Diagnosis. Curr Alzheimer Res. 2023;20\(6\):440-452. PMID: 37605411.](#)