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Alzheimer's Disease: Role and Structure of Soluble Oligomers

Guest Editor:

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Deadline for manuscript submissions:

closed (30 November 2022)

Message from the Guest Editor

Dear Colleagues,

Alzheimer's disease is a devastating disease . A prominent concomitant of the disease are amyloid plaques found in the brains of the patients. More recent evidence points to the idea that the plaques may in fact be a protective adaptation, while the toxic species are soluble ${\sf A}{\beta}$ oligomers (A ${\beta}$ Os).

Topics of this Special Issue include but are not limited to:

- ullet Structure of A $oldsymbol{eta}$ Os: effect of physicochemical conditions
- Oligomer size relevant for toxicity
- Location of A $oldsymbol{\beta}$ Os: extra- or intracellular or both
- ABO receptors and interaction partners
- Toxin receptor agonists
- Brain-derived versus in vitro generated oligomeric species
- Difference among seeding, infection, and toxicity
- ullet Techniques for the analysis of A $oldsymbol{eta}$ Os
- Diagnostics and/or therapeutics involving A β Os



Specialsue









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Message from the Editor-in-Chief

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