

## Special Issue

# Alzheimer's Disease: Role and Structure of Soluble Oligomers

### Message from the Guest Editor

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 A $\beta$  oligomers (A $\beta$ Os).

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

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

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### Guest Editor

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### Deadline for manuscript submissions

closed (30 November 2022)



## International Journal of Molecular Sciences

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