

BioISI Research Seminar

Engineered bacteriophages to target amyloid- β in the brain



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When: June 5, Tuesday - 15h30
Where: Building C8, Room 8.2.38

Amyloid-beta (AB) is a prime suspect to cause Alzheimer's disease (AD). An accumulation of AB in the brain leads to its aggregation into still-soluble oligomeric and fibrillar clusters. In AD-mouse models, these AB oligomers and fibrils impair synaptic function and memory formation. However, a diagnostic tool to detect AB oligomers/fibrils selectively in the brain is currently not available. In this seminar an overview of a project, aiming at developing a cost-effective and safe bacteriophage-based tool to selectively diagnose AB oligomers and fibrils during the early stage of AD, will be presented.

Host: Cláudio Gomes (FunGP - BioISI)