



SELECTION SYSTEMS, PEPTIDES DETERMINED THEREWITH, AND METHODS OF USING SAME

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Inventors: Tina Wang, Linwei Yang

The Invention

UW-Madison inventors have developed a new PACE-based platform for rapid discovery of bioactive cyclic peptide protein aggregation inhibitors. By linking cyclic peptide activity to phage reproduction, researchers can perform 1-2 rounds of selection per day, leading to rapid enrichment of active sequences using standard molecular biology resources. The inventors have also developed a negative selection step, allowing straightforward removal of false positives or promiscuous hits.

Tech Fields

- [Research Tools : Protein interactions & function](#)
- [Therapeutics & Vaccines : Biologics](#)
- [Therapeutics & Vaccines : CNS](#)
- [Therapeutics & Vaccines : Metabolic disorders](#)

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