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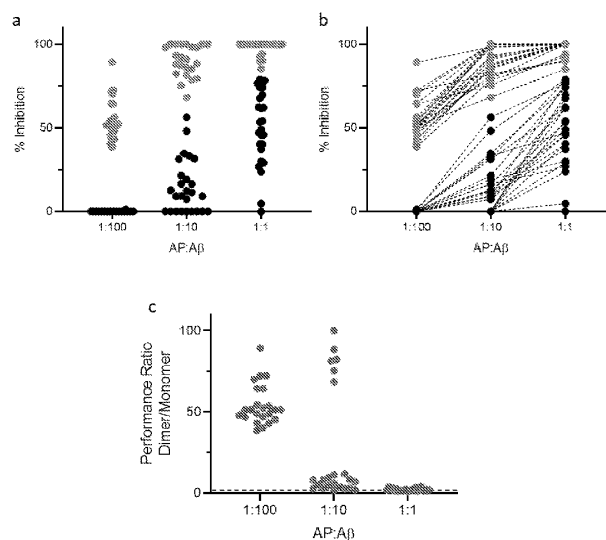
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(54) Title: ALPHA-SHEET POLYPEPTIDES AND THEIR USE

Figure 1



(57) Abstract: Disclosed herein are α -sheet polypeptide multimers, comprising two or more monomeric α -sheet polypeptides that are covalently linked. In various embodiments, the multimer comprises a dimer, trimer, tetramer, pentamer, or hexamer, or wherein the multimer comprises a dimer. Also disclosed are compositions and medical devices comprising α -sheets, and their use for treating and diagnosing amyloid diseases or amyloid-associated diseases.

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