

## Contents

## Theme issue: Self-assembled peptides: from nanostructures to bioactivity

	Article ID		Article ID
<b>INTRODUCTION</b>			
Self-assembled peptides: from nanostructure to bioactivity IW Hamley	20170062	What can machine learning do for antimicrobial peptides, and what can antimicrobial peptides do for machine learning? EY Lee, MW Lee, BM Fulan, AL Ferguson and GCL Wong	20160153
<b>ARTICLES</b>			
Redox-sensitive reversible self-assembly of amino acid–naphthalene diimide conjugates W Liyanage, PW Rubeo and BL Nilsson	20160099	Mechanism of biosurfactant adsorption to oil/water interfaces from millisecond scale tensiometry measurements L Kong, KL Saar, R Jacquat, L Hong, A Levin, H Gang, R Ye, B Mu and TPJ Knowles	20170013
Self-assembly of nucleopeptides to interact with DNAs X Du, J Zhou, X Li and B Xu	20160116	The diversity and utility of amyloid fibrils formed by short amyloidogenic peptides ZS Al-Garawi, KL Morris, KE Marshall, J Eichler and LC Serpell	20170027
Development of proteolytically stable N-methylated peptide inhibitors of aggregation of the amylin peptide implicated in type 2 diabetes I Obasse, M Taylor, NJ Fullwood and D Allsop	20160127	Discovery and design of self-assembling peptides S Zhang	20170028
Peptide-based ambidextrous bifunctional gelator: applications in oil spill recovery and removal of toxic organic dyes for waste water management K Basu, N Nandi, B Mondal, A Dehsorkhi, IW Hamley and A Banerjee	20160128	Factors affecting the physical stability (aggregation) of peptide therapeutics KL Zapadka, FJ Becher, AL Gomes dos Santos and SE Jackson	20170030
Crafting of functional biomaterials by directed molecular self-assembly of triple helical peptide building blocks J Banerjee and HS Azevedo	20160138	<b>CORRECTIONS</b>	
Geometrical frustration as a potential design principle for peptide-based assemblies T Jiang, EL Magnotti and VP Conticello	20160141	Correction to 'Why an extended evolutionary synthesis is necessary' GB Müller	20170065