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DESCRIPTION

Current Opinion in Colloid and Interface Science (COCIS) is an international journal focused on the science related to interfaces and on the behavior of colloids and amphiphiles (surfactants, polar lipids, polymers and biopolymers) in solution. The journal also encompasses molecular and nanoscopic aspects of materials science, industrial applications of colloids, and biologically-relevant systems. COCIS is not a primary journal; rather it seeks to guide the researcher through the maze of current published literature, and to highlight areas and papers which, in the opinion of the reviewers, are of special interest and significance. Topics covered include: Theories and Simulations, Microscopy Methods, NMR, X-ray and Neutron Scattering, Surface Analysis Techniques, Emulsions and Microemulsions, Liquid Crystals, Thin Films and Foams, Polyelectrolytes, Reactivity in Colloidal Systems and at Interfaces, Surfactants, Food Colloids, Biological Colloids and Interfaces, Colloidal Dispersions, Self Assembly, Drug Delivery, Electrokinetics, Rheology, and, Wetting and Spreading.

For each of the above areas, Section Editors have been appointed, who will commission expert scientists to write an informed and critical article on a topic within that general field. The article is not intended to be a comprehensive compilation of the recent relevant literature, but rather is a personal article by the contributor(s), which sets out to both inform the reader of the major developments in the area, and to identify those papers which in the opinion of the author(s), have made the greatest impact on the field. Normally, the period covered by the review will be the previous two to three years.

AUDIENCE

Chemical Engineers, Physical Chemists.

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GUIDE FOR AUTHORS

INTRODUCTION

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Current Opinion in Colloid and Interface Science (COCIS) is an international Journal focussed on the major areas of colloid/interface/polymer science. The journal also encompasses aspects of materials science, industrial applications of colloids, and biologically-relevant systems. COCIS is not a primary journal; rather it seeks to guide the researcher through the maze of current published literature, and to highlight areas and papers which, in the opinion of the reviewers, are of special interest and significance.

Topics covered include: Theory, Microscopy Methods, NMR, X-ray and Neutron Scattering, Surface Analysis Techniques, Emulsions and Microemulsions, Thin Liquid Films and Foams, Polyelectrolytes, Surfactants, Food Colloids, Biological Colloids and Interfaces, Colloidal Dispersions, Self Assembly, Drug Delivery, Electrokinetics, Rheology, Particle Systems and Wetting and Spreading.

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Using class I tetramers, the authors demonstrate that insulin-specific CD8+ T cells account for a large proportion of infiltrated T cells in the islets of prediabetic NOD mice. This is the first study to use peptide multimers to decipher the mechanism of autoimmunity.

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