THE CELL SURFACE

A journal for research on all aspects of the cell wall and cell surfaces across relevant disciplines and organisms

AUTHOR INFORMATION PACK

TABLE OF CONTENTS

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DESCRIPTION

The Cell Surface is a highly multidisciplinary journal focused on cell surface and cell walls in all organisms that have macromolecular architecture beyond the plasma membrane. Bacteria Plants Algae Oomycetes Protozoa Fungi

The Cell Surface aims to bring together different communities to advance the knowledge of the cell surface, and specifically explores the interfaces between these disciplines.

We publish articles dealing with basic and applied biology on the mechanisms of: biosynthesis and degradation; structure and function; physico-chemistry; mechanical properties; regulation; genetics; biochemistry; and physiology of these extracellular polymers and polymer networks, including systems and synthetic biology approaches. The journal also accepts articles on aspects of the properties of plasma membranes in the specific context of the synthesis or organization of extracellular materials.

Articles on medical, immunological, ecological, evolutionary or biotechnological, drug/vaccine discovery aspects of the properties of cell walls and surfaces, extracellular cell surface and matrix components are welcome, including articles that describe important technological and methodological platforms.

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Fungi, Aspergillus, Cell wall, glucan, chitin, Galactomannan, Galactosaminogalactane, Transglycosidases, Cell biology, Diagnosis, Virulence

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INTRODUCTION

The Cell Surface is a highly multidisciplinary journal focused on aspects of the cell wall across all relevant disciplines, in the major groups of organisms that have cell walls Bacteria Plants Algae Oomycetes Fungi Unicellular parasites The journal accepts articles on aspects of the properties of plasma membranes in the specific context of the synthesis or organization of extracellular materials. Its scope includes high-quality research about the polymers that compose the walls or extracellular matrices of these diverse cell types.

The Cell Surface aims to bring together different communities to advance the knowledge of the cell surface, and specifically explores the interfaces between these disciplines.

We publish articles dealing with basic and applied biology on the mechanisms of: biosynthesis and degradation; regulation; structure and function; genetics; biochemistry; physico-chemistry; mechanical properties; and physiology of these extracellular polymers and polymer networks, including systems and synthetic biology approaches.

Articles on medical, immunological, ecological, evolutionary or biotechnological, drug/vaccine discovery aspects of the properties of cell walls, extracellular cell surface and matrix components are welcome, including articles that describe important technological and methodological platforms.

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