

## Special Issue on Bacterial Biofilms and Surface Interactions

### Call for Papers

**Biofilm** is an aggregate of microorganisms in which cells adhere to each other on a surface. These adherent cells are frequently embedded within a self-produced matrix of extracellular polymeric substance (EPS). Biofilm EPS, which is also referred to as slime (although not everything described as slime is a biofilm), is a polymeric conglomeration generally composed of extracellular DNA, proteins, and polysaccharides. Biofilms may form on living or non-living surfaces and can be prevalent in natural, industrial and hospital settings. The microbial cells growing in a biofilm are physiologically distinct from planktonic cells of the same organism, which, by contrast, are single-cells that may float or swim in a liquid medium.

In this special issue, we are going to invite front-line researchers and authors to submit original research and review articles that explore **Bacterial Biofilms and Surface Interactions**. Potential topics include, but are not limited to:

- Biofilms
- Antibacterial process
- Bio-nanotechnology
- Microbiology
- Biofilm structure

Before submission authors should carefully read over the journal's Author Guidelines, which are located at <http://www.scirp.org/Journal/ForAuthors.aspx?JournalID=230>. Prospective authors should submit an electronic copy of their complete manuscript through the journal Manuscript Tracking System at <http://papersubmission.scirp.org/admin/initLoginAction.action?journalID=47> according to the following timetable:

Submission Deadline	10 <sup>th</sup> September 2012
Publication Date	October 2012

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