Special Issue on Escherichia Coli

Call for Papers

Escherichia coli is a Gram-negative, facultatively anaerobic, rod-shaped, coliform bacterium of the genus Escherichia that is commonly found in the lower intestine of warm-blooded organisms (endotherms). Most E. coli strains are harmless, but some serotypes can cause serious food poisoning in their hosts, and are occasionally responsible for product recalls due to food contamination. The harmless strains are part of the normal flora of the gut, and can benefit their hosts by producing vitamin K2, and preventing colonization of the intestine with pathogenic bacteria, having a symbiotic relationship. E. coli is expelled into the environment within fecal matter. The bacterium grows massively in fresh fecal matter under aerobic conditions for 3 days, but its numbers decline slowly afterwards.

In this special issue, we intend to invite front-line researchers and authors to submit original research and review articles on Escherichia Coli. Potential topics include, but are not limited to:

- Pathogenic Escherichia coli
- Type and morphology
- Metabolism and culture growth
- DNA replication and cell division
- Genome plasticity and evolution
- Escherichia coli and food safety
- Escherichia coli and human health
- Escherichia coli contamination
- Chemical engineering and Escherichia coli
- Biotechnology and Escherichia coli

Authors should read over the journal’s For Authors carefully before submission. Prospective authors should submit an electronic copy of their complete manuscript through the journal’s Paper Submission System.

Please kindly notice that the “Special Issue” under your manuscript title is supposed to be specified and the research field “Special Issue – Escherichia Coli” should be chosen during your submission.

According to the following timetable:

| Submission Deadline | February 22nd, 2019 |

Home | About SCIRP | Sitemap | Contact Us
Copyright © 2006-2019 Scientific Research Publishing Inc. All rights reserved.
For publishing inquiries, please feel free to contact the Editorial Assistant at submission.entrance1@scirp.org

AiM Editorial Office
aim@scirp.org