



Flow Biocatalysis

Guest Editor:

Prof. Dr. Francesca Paradisi
School of Chemistry, University of
Nottingham, University Park,
Nottingham NG7 2RD, UK

Deadline for manuscript
submissions:

closed (31 January 2019)

Message from the Guest Editor

Dear Colleagues,

Flow-biocatalysis is a very powerful technique which combines the power and advantages of enzymes with the high throughput of continuous synthesis. Flow-biocatalysis encompasses a variety of techniques and can be easily combined with chemical steps, increasing the versatility of the reactor. This special issue collects original research papers, reviews and commentaries focused on novel biotransformations being carried out in continuous, with particular attention to the efficiency of the system. Submissions are welcome in all areas of flow-biocatalysis:

- Cell-free immobilized enzymes;
- Whole cells immobilized systems;
- Multi-enzymatic reactions in flow;
- Methods of immobilizations of the biocatalysts to improve durability;
- Chemo-enzymatic continuous processes;
- Cofactor-recycling;
- Co-immobilization of enzymes;
- Downstream purification methods;
- In-line reaction monitoring;
- 3D-printed reactors for flow-biocatalysis.

