MEXICAN JOURNAL OF BIOMEDICAL ENGINEERING - RMIB

The Editorial Committee of the Mexican Journal of Biomedical Engineering and their invited editor, Dr. José Alejandro Morales Valencia, are pleased to:

**Call for papers for the Special Issue Vol. 40 No. 1:
"Theoretical and Synthetic Biology"**

INTRODUCTION

Biomedical engineering lies at the crossroads between hard sciences, engineering, and biomedicine. It includes the general mathematical modeling applied to molecular biology, which resulted in bioinformatics and computational biology a few decades ago. Since then, even more paradigms and methods foreign to biology have been explored, giving way to new theoretical approaches of the biomedical phenomena in fast evolving science fields, including Omics, Systems Biology, Control Biology, Neuroinformatics, and Biosemiotics. In time, many of such explorations converged in a not-so-mechanistic, but highly modular and interchangeable, set of biological elements (e.g., an ontology, a code, a sequence domain, a circuit interaction, a cell line) that can be designed, constructed or repurposed through Synthetic Biology for industrial, environmental and medical applications.

This special issue features research and reviews in Theoretical and Synthetic Biology, aimed at increasing the visibility of these areas for the Biomedical engineering professionals.

TERMS

1. This Call for Papers is intended for researchers that specialize in Theoretical Biology or Synthetic Biology, including Systems biology, Computational neurosciences, Biosemiotics, Code biology, Control biology, Bioengineering, Genome editing, and related fields.

2. Contributing research and review papers should be formatted according to the RMIB template, available for download at http://rmib.com.mx/index.php/rmib/autores.

3. All authors must present a full statement declaring that the submitted manuscript is original, has not been published before and is not currently being considered for publication elsewhere. RMIB author declaration template can be downloaded at http://rmib.com.mx/index.php/rmib/autores.

4. Author guidelines and submission instructions are described in http://rmib.com.mx/index.php/rmib/about/submissions.

5. The corresponding authors must submit their manuscripts through the Open Journal System platform at RMIB http://rmib.com.mx/index.php/rmib/index.

6. All authors must complete their registration in the OJS platform at RMIB http://rmib.com.mx/index.php/rmib/user/register.

7. The statement letter needs to be sent via email to rmib.somib@gmail.com.

8. The paper submission deadline is August 31, 2018, 23:59 hrs Mexico City CDT (GMT -5 h).

9. Incomplete submissions will not be considered.

10. The RMIB Editorial Committee reserves the right to accept and publish any submitted paper to this Special Issue.

11. For publishing at RMIB, authors of the accepted papers should adhere to the Journal's copyright editorial policies.

12. The RMIB Editorial Committee decisions will be notified via email to the corresponding authors before October 26, 2018. The Editorial Committee decisions cannot be appealed.

13. Publication deadline is January 15, 2019. Nonetheless, the RMIB will start the continuous publication model for Vol. 40, No. 1 and final publication date of each selected paper will depend on editing and proofing.

IMPORTANT DATES	
Call for papers	June 18, 2018
Paper submission deadline	August 31, 2018
Author notification of acceptance or rejection	October 26, 2018
Special issue	Vol. 40 No.1