



7th International Conference on Stem Cell Engineering

December 11 – 13, 2019

Hotel Barcelona Center • Barcelona, Spain

aiche.org/stemcell

Stem cell engineering is a distinct field at the intersection of stem cell biology, engineering and regenerative medicine. The understanding of how biophysical and biochemical cues in the cells' surrounding regulate cell fate and differentiation can be harnessed for the development of novel approaches to modulate stem cell behaviors and leading eventually to their clinical utilization. As stem cell knowledge matures, its appropriate translation to the clinical setting is crucial for success. Thus, in addition to fundamental studies, approaches to monitor stem cell responses, enhance regeneration through material properties, uncover the immunological response during regeneration and the accurate design of clinical trials are all required to unlock the therapeutic potential of stem cells.

SUBMIT YOUR ABSTRACT IN THESE AREAS:

Organoids

Synthetic Embryo and early developmental engineering

Technologies - computational, genetics, material, imaging, microfluidics

Ethics

Novel applications



SUBMISSION DEADLINE:
AUGUST 12, 2019

KEYNOTE SPEAKER

Ricard Sole

ICREA-Complex Systems Lab UPF-IBE

INVITED SPEAKERS

Susana M. Chuva de Sousa Lopes

Leiden University Medical Center

Jianping Fu

University of Michigan, Ann Arbor

Eri Hashino

Indiana University School of Medicine

Nicolas Rivro

Institute of Molecular Biotechnology (IMBA)

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