



AMERICAN
UNIVERSITY OF BEIRUT
CENTER FOR ADVANCED
MATHEMATICAL SCIENCES

MATHEMATICAL BIOLOGY

WORKSHOP ON MATHEMATICS FOR THE HEALTH SCIENCES

OCTOBER 25, 2022 | ONLINE

OCTOBER 26, 2022 | COLLEGE HALL, AUDITORIUM B1 & ONLINE

This workshop will present recent advances in the mathematical modeling and analysis of challenging problems arising from the biomedical sciences, covering in particular state-of-the-art numerical algorithms for their simulation. A hoped-for outcome of this meeting is to bring together mathematicians, biologists and researchers in the medical sciences with the possibility of building new connections or working on projects of common interest. Anyone with an interest in mathematical modeling for applications in life sciences is highly encouraged to attend.

The meeting is planned in a hybrid mode with a line-up of plenary speakers, and contributed presentations.

COORDINATED AND ORGANIZED BY **DR. FATIMA MROUE** (DEPARTMENT OF MATHEMATICS, CAMS FELLOW)

INVITED SPEAKERS

Benoit Perthame (Sorbonne University and Laboratoire Jacques-Louis Lions, France)

Francesco Regazzoni (Politecnico di Milano, Italy)

Mazen Saad (Ecole Centrale de Nantes, France)

Mostafa Adimy (INRIA, France)

Mostafa Bendahmane (INRIA – Bordeaux University, France)

Nader El Khatib (Lebanese American University, Lebanon)

Nagaiah Chamakuri (Indian Institute of Science Education and Research, India)

Ricardo Ruiz-Baier (Monash University, Australia)

Vitaly Volpert (National Center for Scientific Research – France, RUDN – Russia)

Youcef Mammeri (Jean Monnet University, France)

Yves Coudière (CARMEN, INRIA, Bordeaux University, France)

For more information
CAMS/Mathematical Biology