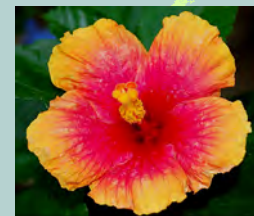




# PACIFICHEM 2020

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1 Jan - 3 Apr 3: Call for Abstracts  
25 Jun: Early registration due

## Antimicrobial peptides at the intersection of chemistry, biology & technology

Honolulu, Hawaii, USA  
15-20 December 2020

### Organizers:

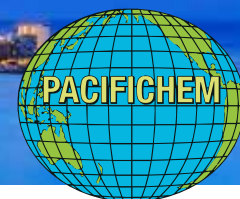
**Kalina Hristova (USA); Isabelle Marcotte (Canada) & Frances Separovic (Australia)**

Antimicrobial peptides (AMPs) are widely known for their broad-spectrum activity against pathogens. AMPs hold great promise as they could be used to combat the ever growing threat of bacterial resistance to conventional antibiotics. A global challenge remains, however, in bringing AMPs into the clinic and engineering them to treat infections and other human diseases. The symposium will bring together experts in biotechnology and biological, biophysical and computational chemistry to exchange ideas and move the field forward. **Sessions** will cover:

1. Mechanism of AMP action: from model systems to bacteria
2. AMPs and the host: interactions with mammalian cells and their role in immunity & inflammation
3. Overcoming resistance to AMPs: from basic principles to applications
4. The pathway to novel applications

### Invited Speakers:

**Mibel Aguilar** (Monash), **Marilyn Anderson** (La Trobe), **Annelise Barron** (Stanford), **Valerie Booth** (Memorial), **Brian Chia** (A\*STAR), **Myriam Cotten** (William & Mary), **Evelyn Deplazes** (UTS), **Shiroh Futaki** (Kyoto), **Maria Halili** (Griffith), **Bob Hancock** (UBC), **Vinzenz Hofferek** (Melbourne), **Joseph Jen-Tse Huang** (Academica Sinica), **Eduardo Jardon-Valadez** (UAMexico), **Yangmee Kim** (Konkuk), **Yongae Kim** (Hankuk U Foreign Studies), **Julia Koehler Leman** (Flatiron Institute), **Themis Lazaridis** (CCNY), **Alan Mark** (Queensland), **Katsumi Matsuzaki** (Kyoto), **Neeloffer Mookherjee** (Manitoba), **Neil O'Brien-Simpson** (Melbourne), **Megan O'Mara** (ANU), **Suzana Straus** (UBC), **Peter Tieleman** (Calgary), **Jacob Ulmschneider** (Shang-hai Jiao Tong), **John Wade** (Florey Institute), **Gregory Wiedman** (Setton Hall), **Mark Willcox** (UNSW), **Bill Wimley** (Tulane)



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