

OCACS TECHNICAL PRESENTATIONS

(Virtually, again without dinner!)

**Join the Orange County Section of the American Chemical Society
Online Meeting
Thursday, March 25, 2021**

Zoom Presentation at 7:00 PM

*To obtain the **Zoom link** you must pre-register to ensure that only legitimate attendees will have access. Send an email to ocacs@sbcglobal.net by **NOON on Tuesday MARCH 23rd** to request access (do it now if you wish!) and the link will be sent directly to you personally.*

Two-dimensional Liquid Chromatography (2D-LC) for Various Applications

**Dr. Guannan Li
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Abstract

Two-dimensional liquid chromatography (2D-LC) has been gaining more and more interest from both academia and industries thanks to the evolution in instrumentation as well as software. Heart-cutting, comprehensive and high-resolution sampling are the three basic modes for 2D-LC. 2D-LC has been utilized for various applications including pharmaceutical, biopharmaceutical and food analysis. Here, we would like to focus on heart-cutting and high-resolution sampling modes, introduce automated solvent modulation (ASM) feature and give some examples for small and large molecules separations.

Biography



Dr. Guannan Li received her Ph.D. in medicinal chemistry from the University of Illinois at Chicago. She currently works at Agilent as an application scientist and supports HPLC, UHPLC, LCMS and SFC applications.

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