

ACS WEBINARS - February 2017

February 9, 2017, 2-3 pm ET

How to Make Chocolate for your Special Valentine:
Flowers Bloom, Chocolate Shouldn't



Have you tried making chocolates at home only to find that white hazy surface on your pieces the next day? That's not mold, it means you didn't temper your chocolate properly. Learn the chemistry of chocolate bloom by attending this webinar so you can woo your sweet with delicious handcrafted chocolates for Valentine's Day.

What You Will Learn

- The multiple crystalline forms or polymorphs that cocoa butter creates
- How to control cocoa butter polymorphism to make great chocolate
- How mis-tempering causes chocolate bloom

Webinar Details

- Date: Thursday, February 9, 2017 @ 2-3pm ET
- Fee: Free to Attend
- Download Slides: Available Day of Broadcast

Additional Resources

- ["Sweet Science: Chocolate Chemistry for Valentine's Day"](#) - past ACS Webinar with Rich Hartel
- ["Periodic Graphics: Chocolate Chemistry"](#) - Infographic by Compound Interest and c&en
- ["Why is Chocolate Bad for Dogs?"](#) - short video by ACS Reactions

Expert



[Rich Hartel](#)
University of Wisconsin-Madison



[Bill Courtney](#)
Washington University School of Medicine

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February 16, 2017, 2-3 pm ET

Natural, Sustainable Innovation: L'Oréal's
Commitment to Renewable Materials and Eco-
Friendly Processes



The integration of green chemistry principles in the development of any new process or ingredient is a pivotal element of sustainable development. Join Michel Philippe and Xavier Marat as they share how L'Oréal began incorporating these principles into the research and production over 10 years ago. They will discuss the importance of using renewable raw materials, designing resource-efficient synthesis methods with minimal environmental impact, and developing substances with favorable environmental profiles designed with their subsequent degradation in mind.

What You Will Learn

- Method of integration of the Green Chemistry Principles by the world's leading group in cosmetics
- The benefits of carbohydrate and especially C-glycosides synthesis without almost any protecting groups and eco-friendly solvents.
- Implementation of a rigorous methodology and of accurate green indicators for our raw materials portfolio.

Webinar Details

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Experts



Michel Philippe
L'Oréal



Xavier Marat
L'Oréal



David Constable
ACS Green Chemistry Institute

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February 23, 2017, 2-3 pm ET

Fighting Cancer: Epigenetic Targets for Oncology

February 23, 2017

Session 2 of the [2017 Drug Design and Delivery Symposium](#)



Epigenetics refers to heritable changes characteristics that can be influenced by the environment, but which do not result from changes in the genetic code. Epigenetics is an area of intense current interest in medicinal chemistry, biology, and medicine. Professor Stuart Conway will introduce current understanding of the molecular basis of epigenetic processes, and explain how these findings are being exploited in medicinal chemistry to develop medicines with innovative new mechanisms of action.

What You Will Learn

- A general discussion the molecular components of epigenetics, the epigenetic code hypothesis, and the role of DNA and histone modifications.

- An overview of epigenetic drug classes, including HDACs, methyltransferase inhibitors, demethylase inhibitors, and bromodomain ligands.
- Update on the clinical progress of epigenetic drugs, with a particular focus on newer drug targets, especially “readers”.

Webinar Details

- Date: Thursday, February 23, 2017 @ 2:00-3:00pm ET
- Fee: Free to Attend
- Download Slides: Available Day of Broadcast

Experts



Stuart Conway
University of Oxford

Co-Produced By

