

Overcoming Challenges in Coupling Reactions with Robust Catalysts for Pharmaceutical and Fine Chemical Applications

Hosted by:



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Web & Audio Conference

Location: Your Computer

Thursday, June 14, 2007, 10am EDT / 14h 00 GMT

Presenter:



www.jmcatalysts.com/pharma

ROW2 Technologies, Inc. presents a 1 - hour web conference aimed at providing valuable information to process research professionals on the advancements in catalysts activity and selectivity.

This session, led by renowned scientist **Dr. Thomas Colacot, Development Manager** in the **Catalysis and Chiral Technologies Division** at **Johnson Matthey, USA**, will introduce powerful solutions for challenging Cross-Coupling Reactions.

Participants will learn about:

- * **Advancements in Carbon-Carbon and Carbon-Heteroatom coupling reactions using highly active, air stable palladium complexes.**
- * **Strategy employed in developing fully formed Pd(0), Pd(I) and Pd(II) complexes of supported and unsupported monodentate and bidentate ligands.**
- * **Structure-activity relationship in coupling.**
- * **Selectivity, Activity and Robustness of new catalysts.**

As seen within the pharmaceutical and fine chemical sectors, palladium-catalyzed reactions have become the preferred route for coupling reactions. While providing solutions to these challenging reactions, Dr. Colacot will also discuss how Johnson Matthey is taking catalyst Activity and Selectivity to a New Level.

Speaker Biography: *Dr. Thomas Colacot is a Development Manager in the Catalysis and Chiral Technologies Division at Johnson Matthey, West Deptford, U.S.A, where he has global R & D responsibilities. He is involved in the development of new organometallic compounds for catalysis and electronic applications, process development, supported homogeneous catalysts (FibreCat) and high throughput screening of the catalysts for organic reactions, such as C-C couplings and C-heteroatom couplings. He has worked in the area of highly air and moisture sensitive organophosphines, arsines and stibines.*

Dr. Colacot obtained his Ph.D. from the Indian Institute of Technology, Madras and an MBA from Penn State University. He has published in the region of 45 papers in the field of organic/organometallic chemistry and has given about 100 technical presentations in various pharmaceutical industry sectors, Conferences and Universities.

REGISTRATION INFORMATION

* **Cost: FREE!**

* **Please RSVP by emailing us the following contact information at marketing@row2technologies.com or faxing this form to +91.22.6691.0510/0511.**

* **ATTENDEE REGISTRATION** (Please Print Clearly. ALL fields required)

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(Required to receive web seminar login information.)

Who should attend?

- * **Head of Process Research**
- * **Process Chemists**
- * **Head of R&D**

Forward this invitation to your colleagues who would be interested in attending the Webseminar