

WMU Department of Chemistry

2012 Harmon Lecturer

Dr. Gunda I. Georg

Research Presentation: Natural Products as Leads for Anticancer Drug Discovery

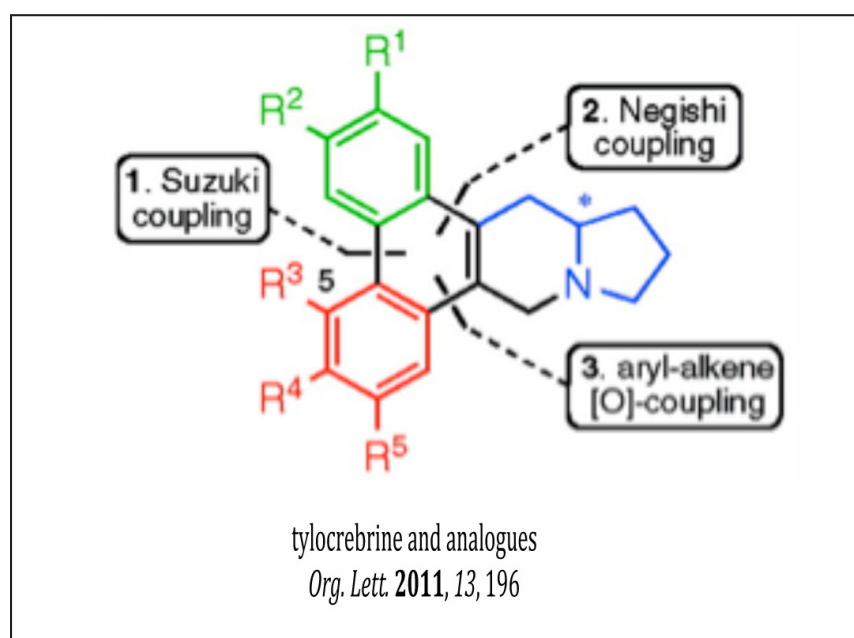
Monday, April 9

4 to 5:15 p.m. (reception following)

1260 Chemistry Bldg.

The US Food and Drug Administration has approved over 1000 new small molecule drugs in the last 30 years. Of the approved anticancer agents 74 percent are natural product-derived. Thus, natural products continue to be an excellent source as drugs or leads for drug discovery efforts.

The preclinical development of a novel phosphonooxymethyl prodrug of the anticancer natural product triptolide will be discussed. Novel results for the synthesis and biological evaluation of the cytotoxic phenanthropiperidine alkaloids such as boehmeriasin, tylocrebrine, antofine, tylophorine, and related analogues will be discussed as well.



Women In Science: Meeting Challenges –Overcoming Barriers

Tuesday, April 10

7:30 a.m. to 9:30 a.m.

2401 Chemistry Bldg. (T.A. Briefing Room)

This breakfast meeting will offer opportunities for informal discussions about professional development. The event is open to undergraduate and graduate students as well as faculty members from all colleges. While the event is free to all participants please RSVP to Elke.Schoffers@wmich.edu by Thursday, April 5, to reserve a seat. Support is provided through the Department of Chemistry, the Gender and Women's Studies Program and the College of Arts and Sciences Women's Caucus.

Chemistry Colloquium: The Evolving Landscape for Drug Discovery Innovation

Tuesday, April 10

11 a.m. to 12:15 p.m.

1260 Chemistry Bldg

The talk will provide an overview of the health care challenges in the future such as the increase in the world's population, global health challenges, changing age demographics, and increasing health care costs. Current realities for pharmaceutical developers will be discussed and how the landscape for drug discovery is changing as well as new opportunities and challenges for the future.



<http://www.cancer.umn.edu/research/profiles/georg.html>

For more information, contact Dr. Elke Schoffers, Department of Chemistry at elke.schoffers@wmich.edu, www.wmich.edu/chemistry