

## **"New Strategies for the Synthesis of Polycyclic Natural Products"**

This lecture will discuss our recent development of new methods for the rapid increase in molecular complexity as applied to the synthesis of biologically active natural products. Specifically it will focus on the Pot, Atom and Step Economic (PASE) synthesis of tetrahydropyran containing natural products such as centrolobine and phorboxazole B, as well as highlighting the use of novel transannulation reactions for the construction of complex polycyclic molecular architectures.