The function of nature’s biomolecules is defined by their ability to adopt a well-defined shape or conformation. This seminar will discuss recent work on constraining peptides and other bio-ligands into such a geometry using some' tricks’ from organic chemistry. The work has provided a new class of antibiotic, inhibitors of key proteases to treat important disease, new materials and biosensors, and probes to study electron transfer and other biological processes. The seminar will also consider some of our recent efforts to commercialise aspects of the research.

**CBC SEMINAR ANNOUNCEMENT**

**Professor Andrew Abell**  
The University of Adelaide

**Defining biomolecular structure and function in solution and on surfaces**

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**Date:** 13th March 2015 (Friday)  
**Time:** 11:00am–12:30pm  
**Venue:** NTU SPMS CBC Building Level 2, Conference Room  
**Host:** Assoc Professor Roderick Bates