

Rutledge-Todd Group Meetings

Semester 1 2012

Mondays 12:00-13:00, Room 239

Current Cadets: Althea, Angus, Ayesha, Daniel, Jim, (Kat), MingFeng, Murray, Nilupa, Paul, Prarthana, Soo, Swapnil, Tim

| When | Update | Literature | RoW |
|---------|--|---|-----------|
| Mar 19 | Murray | Daniel (<i>Chemcomm</i> , <i>ChemSci</i>) | Swapnil |
| 26 | Tim | Mingfeng (<i>Org Lett</i> , <i>PNAS</i>) | Paul |
| April 2 | Althea | Prarthana (<i>JACS</i>) | Tim |
| 9 | <i>Mid Semester Break – no meeting</i> | | |
| 16 | Angus | Ayesha (<i>Nature</i> , <i>Science</i> [‡]) | Jim |
| 23 | Daniel | Tim (<i>Angew</i>) | Nilupa |
| 30 | Ayesha | Nilupa (<i>JOC</i>) | Mingfeng |
| May 7 | Soo | Swapnil (<i>Chemcomm</i> , <i>ChemSci</i>) | Prarthana |
| 14 | Paul | Soo (<i>Org Lett</i> , <i>PNAS</i>) | Ayesha |
| 21 | Swapnil | Jim (<i>JACS</i>) | Angus |
| 28 | Nilupa | Paul (<i>Nature</i> , <i>Science</i> [‡]) | Soo |
| June 4 | Jim | Althea (<i>Angew</i>) | Daniel |
| 11 | Queen's Birthday – no meeting | | |
| 18 | Prarthana | Angus (<i>JOC</i>) | Murray |
| 25 | Mingfeng | Murray (<i>Chemcomm</i> , <i>ChemSci</i>) | Althea |

Research Updates (30 mins): Chalk talk. Focus on recent results and challenges; minimise background material.

Literature (15 mins): You need to survey the assigned journal(s), and *pick out 4 or 5 of the most interesting papers published there since that journal was last presented*. (You decide what makes them interesting, but be prepared to explain your choices!) Bring a one-page handout (may be double-sided, but no more than 1 sheet of paper) showing bibliographic details (title, authors, doi) for each paper, plus ONE figure, scheme or table that captures its essence.

[‡] also survey *Nature Chem.* and *Nature Chem. Biol.*

RoW (5 mins): Choose an important named reaction or reagent, and provide a 'chalk & talk' explanation – outline the structure and/ or mechanism; give an important or interesting example.