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Lecturer

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Discipline
Pharmaceutical Chemistry

On-going projects

A. Glycopeptide constructions

The study of the biological interactions are hampered by the low availability of natural glycopeptides. Chemical synthesis of such components is an attractive way to generate suitable amounts for biological studies. I am interested in the challenges faced during the preparation of glycopeptides, viz. *cis*-1,2-O- or -C-glycopeptides for polymer-supported synthesis. This project is being funded by Ministry of Science, Technology and Innovation (MOSTI) under the Fundamental Research Grant Scheme (FRGS), Oct 2007-2009.

B. Avian flu: Synthesis of novel neuraminidase blockers

This project is a part of the multidisciplinary collaborations between Schools of Pharmaceutical Sciences, Medical, Biology, Chemistry, and the Veterinary Research Institute (VRI). It is funded by Universiti Sains Malaysia Research University Funds, Oct 2007-2010.

14/02/2008 Interested in Synthetic Medicinal Chemistry research in USM?

I'm looking for PhD students and a Postdoctoral researcher. Please visit: www.ips.usm.my or <http://www.chemseer.com/chemistryjobs/vacancies.shtml>

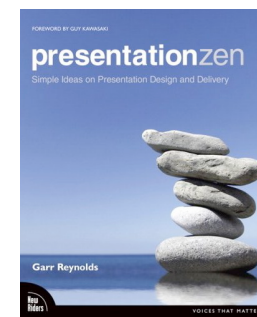
Publications

N^α-Dmc protected amino acid aglycones: versatile hydrogenolysis stable acceptors for O-glycosylation

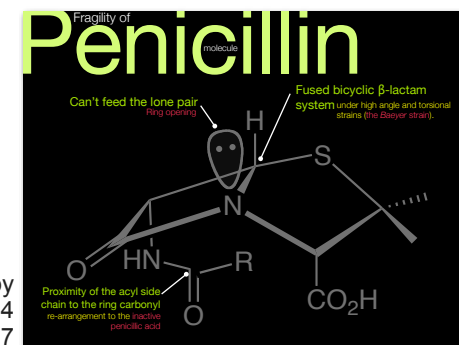
Kellam, B.; Ward, P. A.; **Abdul Rahim, A. S.**; Chhabra, S. R.
Tetrahedron Lett., 2005, 46, 1703-1706

Recent Progress in the Design of Selectin Inhibitors
Chhabra, S.R.; **Rahim, A.S.A.**; Kellam, B.
Mini Rev. Med. Chem., 2003, 3, 679-687

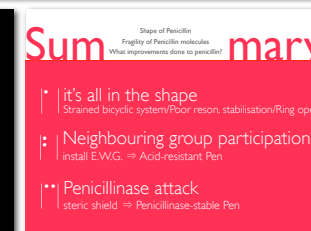
Presentations/Slide designs



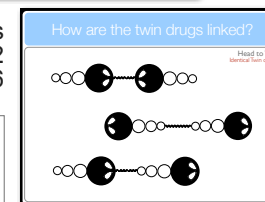
Several of my slides on 'Aromatic Chemistry' are featured in 'Presentation Zen' a book by Garr Reynolds, New Riders Press, 2008 (ISBN-13: 978-0321525659)



Antimicrobial Therapy
slides FAR241.4
2007



Medicinal Chemistry, twin drugs
FAR212.2
2006



Biopharmaceutical & Marine Biotechnology Workshop I; 2006