

アフマッド・フォクルディンさん / 豊橋技術科学大学
Dr. Ahmad Fakhruddin / Toyohashi University of Technology

<外国人研究者プロフィール Profile>

国籍: Nationality:	バングラデシュ / Bangladeshi
日本留学時の滞在期間: Period of Stay During in Japan:	2010年7月1日～2010年9月28日 Jul 1, 2010 ~ Sep 28, 2010
日本留学時の大学: Education Background in Japan:	豊橋技術科学大学 Toyohashi University of Technology
専攻分野: Major Field:	有機化学 / Organic Chemistry
現在の所属/職位: Present Institution / Status:	助教授 / Assistant Professor



アフマッド・フォクルディンさん
Dr. Ahmad Fakhruddin

<研究報告 Follow up Research Fellowship>

受入研究者氏名: Research Adviser:	岩佐 精二准教授 / Associate Prof. Seiji IWASA
受入れ期間: Researching Period:	2010年7月1日 ~ 2010年9月28日 Jul 1, 2010 ~ Sep 28, 2010
研究課題: Theme of Research:	Development of transition metals-catalyzed hydrogen peroxide oxidation

■研究概要 Outline of Reserch

The Article contains four major research topics:

2.1 Ru(II)- or Ir(I)-catalyzed 31%(aq.)hydrogen peroxide oxidation of hydroxamic acids and their subsequent HDA reactions with cyclic dienes.

2.2 Transition metals-catalyzed 31%(aq.)hydrogen peroxide oxidation of hydroxamic acids and their Diels-Alder reactions with N-dienyl lactams.

2.3 Transition metals-catalyzed 31%(aq.)hydrogen peroxide oxidation of hydroxamic acids and their Asymmetric HDA reactions with chiral N-dienyl lactams.

2.4 Simple one-pot method for acylnitroso ene reactions and halocyclization of ene product.



私の仕事机
My working desk

■日本留学の思い出 Memories of Studying in Japan

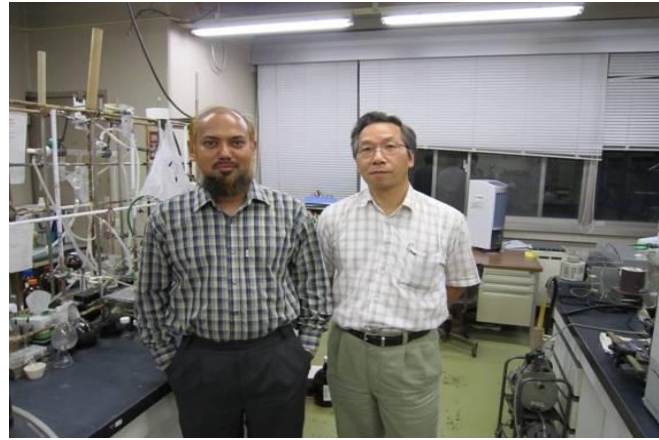


NMR室での作業
Working in NMR room

An Article titled "A Mild Oxidation of Hydroxamic Acids by Transition Metal-Catalyzed Hydrogen Peroxide Oxidation Systems: A New Synthetic Route to Acylnitroso Intermediates and Their Synthetic applications" has been written and will be submitted to the Journal "Advanced Synthesis & Catalysis" as a Full Paper.

■日本留学の思い出

Japan is a safe country and peoples are very gentle.
During my stay in Japan, the weather was very hot.
Even though, I have visited Tokyo and Nagoya and it
was wonderful.



私と研究室の仲間
Me and my Labmates