

SCIENTIFIC SESSION:

MEDICINAL CHEMISTRY, BIOCHEMISTRY AND BIOTECHNOLOGY (MBB)

Thursday May 22, 2008

1300 - 1700 Registration

Friday, May 23, 2008

0800 - 0900 Registration

0900 - 1000 Opening Ceremony

1030 - 1130 **Plenary 1** (BANYAN HALL)

Chairperson: Prof. C. L. Gajurel

Molecular Beam Studies of Dynamics of Chemical Reactions

Nobel Laureate Professor Yuan T. Lee

Academia Sinica, Taipei, Taiwan

1130 - 1300 **LUNCH**

MEDICINAL CHEMISTRY, BIOCHEMISTRY AND BIOTECHNOLOGY (MBB)

(SAKURA HALL)

1300 - 1330 Chairperson: Prof. S. R. Adhikari

Keynote (MBB-01)

Chemistry of *Zizyphus* Species

V. B. Pandey

Banaras Hindu University, Varanasi, India

1330 - 1350 **Invited (MBB-02)**

Chemistry of the Polynesian Sandalwood (*Santalum Insulare*): Essential Oil Quality and Chemodiversity Conservation

Raharivelomanana Phila

Université de la Polynésie Française, French Polynesia

1350 - 1410 **Invited (MBB-03)**

Protein Plasticity: A Single Amino Acid Substitution in the *Saccharomyces cerevisiae* Oxidosqualene-Lanosterol Cyclase Specifically Generates Protosta-13(17),24-dien-3 β -ol, a Novel Rearrangement Product

Tung-Kung Wu

National Chiao Tung University, Hsin-Chu, Taiwan

1410 - 1430 **Invited (MBB-04)**

Structure Determination and Manipulation of the Physico-Chemical Properties of Carrageenans using Enzymes

William Helbert

Pierre and Marie Curie University, France

1430 - 1450 **Invited (MBB-05)**

Discovery and Development of VEGFR-Targeted Small Molecule Cancer Therapeutics

Chung-Ming Sun

National Chiao-Tung University, Hsinchu, Taiwan

1450 - 1520 **COFFEE BREAK**

1520 - 1620 **Plenary 2** (BANYAN HALL)

Chairperson: Prof. T. P. Pathak

Recovery of Gold from e-Wastes by using Biomass Wastes

Katsutoshi Inoue

Saga University, Japan

1620 - 1720 **Plenary 3** (BANYAN HALL)

Chairperson: Prof. V. P. Agrawal

Chemistry for Sustainable Development

S. P. Dhoubhadel

Tribhuvan University, Kathmandu, Nepal

1730 - 2000 **WELCOME RECEPTION**

Saturday, May 24, 2008

- 0900 - 1000** **Plenary 4** **(BANYAN HALL)**
Chairperson: Prof. G. H. Michler
Nanostructure Characterization in Multilayered Polymer Systems using X-Ray Scattering Methods and Microindentation Techniques
F.J. Balta Calleja
Instituto de Estructura de la Materia, Madrid, Spain
- 1000 - 1020** **COFFEE BREAK**
- 1020 - 1040** Chairperson: Prof. V. B. Pandey **(SAKURA HALL)**
Invited (MBB-06)
Synthesis and Anti-Cancer Efficacy of Rapid Hydrolysed PEG-Paclitaxel Conjugates
Byung – Wook Jo
Chosun University, Gwang Ju, Korea
- 1040 - 1050** **Oral (MBB-07)**
Chemical Constituents and Anti-fungal Activity of *Corydalis chaerophylla*
R. N. Jha
Tri-Chandra Campus, Tribhuvan University, Nepal
- 1050 - 1100** **Oral (MBB-08)**
A Novel Two-Component Regulatory System Involved in the Regulation of Clavulanic Acid
Hum Nath Jnawali
Sun Moon University, Korea
- 1100 - 1110** **Oral (MBB-09)**
Structure Studies of Rare Trideoxy Derivatized Sugar Present in *Ichnocarpus Frutescens*
Pradeep B. Neupane
Department of Chemistry, Trichandra Campus, Tribhuvan University, Nepal
- 1110 - 1120** **Oral (MBB-10)**
Curcumin, A Wonder Drug of 21st Century: Why We Need Delivery Systems
Mankumari Gurung
The School of Pharmaceutical and Biomedical Sciences, Pokhara University, Nepal
- 1120 - 1130** **Oral (MBB-11)**
Preparation and Characterization of Mucoadhesive Polymer-Coated Liposomes
Pankaj Ranjan Karn
The School of Pharmaceutical and Biomedical Sciences, Pokhara University, Nepal
- 1130 - 1140** **Oral (MBB-12)**
Computerised Color Developed by Lawsone Dye with Protein in Anatomical Structure of *Albizia Lebbeck*
Afsheen Shah
University of Sindh, Jamshoro, Sindh, Pakistan
- 1140 - 1150** **Oral (MBB-13)**
HPLC Determination of α -Keto Acid in Human Serum and Urine using 4-Nitro-1, 2-Phenylenediamine as Derivatizing Reagent
K. P. Mahar
University of Sindh, Jamshoro, Pakistan
- 1150 - 1200** **Oral (MBB-14)**
Screening of Common Nepalese Natural Medicines for their Antioxidative Activities and Evaluation of Chemical Constituents of *Rhei Rhizoma*
Kalpana Parajuli
The School of Pharmaceutical and Biomedical Sciences, Pokhara University, Nepal

Sunday May 25, 2008

0900 - 1000 **Plenary 6** **(BANYAN HALL)**
Chairperson: Prof. C. L. Gajurel
Challenges and Visions for Chemistry and Chemists in the 21st Century
Jung-Il Jin
Department of Chemistry, Korea University, Seoul, Korea
President, IUPAC

1000 - 1020 **COFFEE BREAK**

1230 - 1400 **LUNCH**

1300 - 1400 **Poster Session**

YOUNG CHEMIST AWARDEE LECTURE (YCAL)

1400 - 1415 Chairperson: Dr. Shiva Ram Vaidya

YCAL-1

Lead and Cadmium Contents in Organic, Hygienic and Conventional Chinese Kales

Weeraya Karnpanit

Mahidol University, Nakhon Pathom, Thailand

1415 - 1430 **YCAL-2**

Theoretical Studies of 1,2-Disubstituted Ethanes and their Analogues

Ponnadurai Ramasami

Department of Chemistry, University of Mauritius, Republic of Mauritius

1430 - 1445 **YCAL-3**

Small-Angle X-ray Scattering of Reverse Micelles in Nonaqueous System

Lok Kumar Shrestha

Yokohama National University, Tokiwadai, Yokohama, Japan

1400 - 1800 **Local Sight Seeing for Foreign Participants**

1800 - 2100 **Dinner**