

## Pen Sketches of Invited Speakers

### Symposium on

### "Innovations in Food Science and Technology and Healthcare for Social Well-being"

#### Professor Akinori Noguchi



*Professor of Food Science, Ishikawa Prefectural University, Japan*

Professor Akinori Noguchi obtained his Doctor of Science Degree from Tokyo Institute of Technology. He has served in key positions at the Japan International Research Centre for Agricultural Sciences and was its Vice President from April 2004 to March 2007. He has held several key positions at the National Food

Research Institute, was an invited Visiting Scientist at Languedoc University, France and Professor at the Graduate School of Agricultural Engineering, University of Tsukuba. Professor Noguchi's research interests are on Food Technology and he has carried out research on extrusion technology and has received several awards for his research in Food Technology.

#### Engineer Jayantha Sellahewa



*Deputy Director, Innovative Food Centre, Executive Officer, Science Executive and Science Group Manager (Food Processing) CSIRO, Food Science Australia, Australia.*

Engineer Jayantha Sellahewa graduated with a B.Sc. (Hons) Degree in Chemical Engineering from the University of Bath and obtained his M.Sc. in Food Engineering from the

University of Leeds. He had worked in food and pharmaceutical industries in Europe and USA and was involved in process engineering, process design, process research and development in a variety of unit operations before joining the CSIRO. Based on his research on extrusion technology and food process system engineering and non thermal processing. Mr. Sellahewa has published more than twenty publications and written one chapter in a book.

#### Professor Mitsutoshi Nakajima



*Bio-resource Laboratory, Appropriate Technology and Science for Sustainable Development, University of Tsukuba, Japan*

Professor M. Nakajima graduated with a B.Sc. Degree in Chemical Engineering from the University of Tokyo and obtained his M.Sc. Degree in Engineering from the same University. He obtained a Doctor of

Engineering from the University of Tokyo. He has served as Visiting Professor in Universities in Germany, Switzerland and Japan. Professor Nakajima has served in several key capacities at the National Food Research Institute and National Agriculture and Food Research Organization, Japan. He has served as the editor of several International Journals. He has more than 200 publications and more than 50 patents to his credit.

#### Dr. Chakra Wijesundera



*Principal Research Scientist and stream Leader of Lipid Research Group, CSIRO, Food Science, Australia.*

Dr. Chakra Wijesundera graduated from University of Ceylon, Peradeniya with B.Sc. (Hons) Degree in Chemistry and obtained his Ph.D. from the University of St Andrews, Scotland. He has conducted post doctoral studies on omega-3 fatty acids and canola oil at

the Technical University of Nova Scotia, Canada and was attached to the "Fats and Oils" section of the Ceylon Institute of Scientific and Industrial Research (presently ITI) before joining the Commonwealth Scientific and Industrial Research Organisation (CSIRO) as a Research Scientist. His current research activities are directed towards replacing unhealthy fats in food with healthful fats and developing strategies for minimising development of oxidative rancidity in food. From 2005 upto date he has published 14 papers in journals.

#### Professor Linus U Opara



*Associate Professor, Agricultural Engineering and Post-harvest Technology, College of Agriculture & Marine Sciences, Sultan Qaboos University, Sultane of Oman*

Professor Linus Opara is a B.Eng. (Agricultural Engineering) graduate from the University of Nigeria. He obtained his M.Eng.

In Agricultural Engineering from University of Nigeria and Ph.D. in Agricultural Engineering/Post Harvest Technology from Massey University, New Zealand. He has served in academic positions at the University of Massey several times and has worked as consultant in several organizations including FAO, World Bank, NZAID and FACU. Based on his research he has won several prestigious awards in Oman, Nigeria and New Zealand. He has 52 research publications, written 8 book reviews and chapters in 10 books.

#### Dr. Takeo Shiina



*Head, Distribution Engineering Laboratory, Food Engineering Division, National Food Research Institute, Japan.*

Dr. Takeo Shiina obtained his B.A. from the Iwate University, Japan and his M.Sc. and Ph.D. from the Tsukuba University. He has served as the Head of the Laboratory at

National Agriculture and Food Research Organization and at the National Food Research Institute. He has served as Senior Researcher, Hokkaido National Agricultural Experiment Station. He has 65 publications, 8 review papers and has written chapters in 12 books on Post Harvest Technology.

### Professor Sumio Kawano



*Head, Non-destructive Evaluation Laboratory, National Food Research Institute, Japan*

Professor Sumio Kawano graduated with a B.Sc. in Agricultural Engineering from the Kyushu University and obtained his M.Sc. and Ph.D. from the same university. Based on his extensive research in analysis of parameters related to Food Chemistry and pesticides using Near Infrared Spectroscopy he has published 27 research publications, written chapters in five books. He has 6 patents to his credit.

### Professor Upali Samarajeewa



*Senior Professor in Food Science & Technology, University of Peradeniya, Sri Lanka*

Professor Upali Samarajeewa is a B.Sc. Special Degree (Chemistry) graduated from the University of Ceylon, Peradeniya. He obtained his Ph.D. in Microbiology from the University of Peradeniya, Sri Lanka. Based on his research in Food Chemistry he has won several prestigious awards at national and international level. He has served in several key positions in USA, India and has been a consultant in several international organizations including UNIDO, UNPO/DANES, UNDP/FAO & ADB projects. Based on his research in Food Chemistry he has seventy nine research publications, one patent and has written chapters, reviews and monographs (total of 16).

### Mr. Sada Nand Lal



*Entomologist of Plant Resource Division, Secretariat of the Pacific Community, Fiji.*

Mr. Nand Lal obtained his M.Sc. in Crop Protection from University of Bristol. He is an experienced economic entomologist with considerable experience in the Pacific region, who provides advice to Pacific Island Nations on insect pest management. He has 14 publications to his credit.

### Dr. Liza Szabo



*Chief Scientist, New South Wales Food Authority, Australia*

Dr. Liza Szabo graduated from the University of Queensland and obtained her Ph.D. in Microbiology from the same University. She was also the Deputy Director of the Australian Food Safety Centre for Excellence, a consortium comprising the Tasmanian Institute for Agricultural Research, the National Food Industry Strategy & Food Science Australian. Her research interests are on assessing the microbiological issues in the area of food preservation, processing and offering recommendation for control. Dr. Liza has twenty publications and has written chapters in four books.

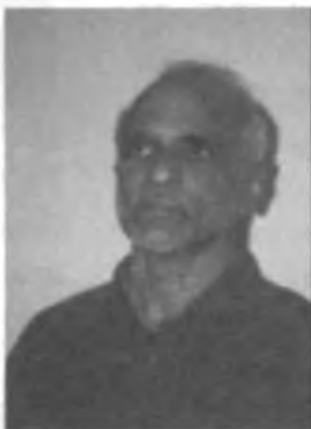
### Professor Lal G Chandrasena



*Senior Professor of Biochemistry and Clinical Chemistry, Faculty of Medicine, University of Kelaniya and Consultant Clinical Biochemist and Director, Pathology Laboratory, Nawaloka Hospital Ltd., Colombo, Sri Lanka*

Professor Lal G. Chandrasena obtained his B.Sc. (Hons) in Biochemistry and Ph.D. from the University of Liverpool. He has 23 research publications to his credit and has received several awards. Professor Chandrasena has served as Associate Professor in Arab Medical University, Libya and in Phalavi University, Iran.

### Professor L M V Tillekeratne



*Associate Professor, Department of Medicinal and Biological Chemistry, University of Toledo, USA*

Prof. L M V Tillekeratne is a B.Sc. Chemistry Special graduate from the University of Colombo. He obtained his D.Phil. from the University of Oxford. He was the Professor of Chemistry, University of Colombo before leaving to USA. He has 53 publications and 3 patents to his credit.

### Professor Iqbal Choudhary



*Director and Professor of H E J Research Institute of Chemistry, International Centre for Chemical & Biological Sciences, University of Karachi, Pakistan*

Professor Iqbal Choudhary graduated from the University of Karachi in Chemistry, Botany and Biochemistry and obtained his M.Sc and Ph.D. in Organic Chemistry from the same university. He was conferred a D.Sc. by the University of Karachi in 2005. He has received many distinguished awards. Prof. Choudhary has 564 research publications & 15 patents to his credit. He is the author of 35 books and has written chapters in books. Prof. Choudhary is an international expert in the area of natural products and herbal medicines.

### **Professor David J Newman**



*Chief, Natural Products Branch, Division of Cancer Treatment and Diagnosis, National Cancer Institute, Maryland, USA*

Professor Newman obtained his M.Sc. in Organic Chemistry from University of Liverpool and D. Phil. in Microbial Chemistry from the University of Sussex. His research interests are on natural products as a source of novel pharmacophores, natural products based toxins to cellular targets and biochemistry of metals in relation to bioenergetics in prokaryotes and lower eukaryotes. He has served as Adjuvant (Full) Professor at University of Maryland and as Principal Research Microbiologist and Group Leader in several organizations in USA. He has 107 publications and 19

patents to his credit.

### **Professor P. Pushpangadan**



*Hony. Director General Amity Institute for Herbal and Biotech Products Development, India*

Prof. P Pushpangadan obtained his M.Sc. (Botany) in 1986, M. Phil, (Biochemistry & Genetics) and Ph.D. (Plant breeding, Genetics & Biochemistry). He has served as consultant in WHO, UNEP, UNDP, UNESCO, UNIDO, CDB, UNAPCCT, NAM-S & T, WIPO/WTO and DANIDA. He has received several awards for his research on cyto-genetics, plant breeding, bio-technology, ethno-biology, ethno-pharmacology & natural product development. He has over 400 publications, 95 patents and 12 patented products to his credit. Prof. Pushpangadan has authored 8 books, edited 12 books and written chapters in 41 books.

### **Professor K Husnu Can Baser**



*Professor of Pharmacognosy, Anadolu University, Turkey.*

Professor Baser graduated from Eskisehir ITIA School of Pharmacy and obtained his Ph.D. in Pharmacognosy from Chelsea College, University of London. He has served as Director of Eskisehir ITIA School of Chemical Engineering and as Dean of the Faculty of Pharmacy at Anadolu University. He has served in several capacities in UNDP, UNIDO and WHO funded projects on Medicinal and Aromatic Plants. He has received several international awards. Professor Baser has 485 research papers to his credit and authored chapters in 40 books.

### **Dr. Kamlesh Kumar Bhutani**



*Dean, National Institute of Pharmaceutical Education & Research & Head of the Natural Products Division, India*

Dr. Bhutani obtained his M.Sc. & Ph.D. from Panjab University. His research interests are on traditional medicine, natural product chemistry and pharmaceutical, biology and bioanalysis. He has 250 publications to his credit. He has written 2 books and chapters in 6 books.

### **Emeritus Professor (Mrs) Varsha Tarvady**



*Professor Emeritus, Wyamba University, Sri Lanka.*

*Executive Director, Parvatiben Trikamji Bhatt Gujarata Sahayakari Hospital, Chair at Indian Institute of Nutritional Sciences, Consultant Clinical Pediatric Nutritionist and Dietitian, India.*

Emeritus Professor (Mrs) Varsha Tarvady obtained her M.Sc. Degree in Food and Nutrition from MS University, Baroda and Ph.D. in Nutrition Medicine from Madras Medical College, Madras University. Based on her research in Food Chemistry she has won several prestigious awards at national and international level. She has served in several key positions in USA, India, UK, Malaysia and Sri Lanka. Professor Varsha has 21 research publications to her credit, written 2 books, chapters in 8 books and one review article.

### **B.Sc. Honours Degree in Applied Chemistry, Northumbria University, UK**

Students registered for the Graduateship Programme could obtain the Advanced Diploma after successfully completing the first two years of the Graduateship Programme.

The Advanced Diploma is recognized by the Northumbria University (in Newcastle-on-the Tyne, UK) to register for the 3<sup>rd</sup> year of the B.Sc. (Honours Degree) in Applied Chemistry. This programme has high employability in UK. The letter of recognition of the Advanced Diploma was handed over to Prof. J N O Fernando, Hony. Dean of the College of Chemical Sciences by Ms. Rosalind Martin, International Project Manager, Northumbria University on 31<sup>st</sup> October 2007. (Photographs on page 37)