



34th Annual Convention of the Philippine Society for Biochemistry and Molecular Biology

29 November - 1 December 2007

Philippine Rice Research Institute

Maligaya, Science City of Muñoz, Nueva Ecija

Scientific Program

29 November 2007, Thursday

7:00-8:00	Registration
8:00-8:30	Opening Ceremonies
8:30-9:10	Keynote Message: "AgriBiotech: Initiatives and Innovations for Industry" Dr. Eufenio T. Rasco, Jr., University of the Philippines in Mindanao Launching of Dr. Rasco's book: "The Unfolding Gene Revolution: The Ideology, Science and Regulation of Plant Biotechnology" published by ISAAA and SEARCA
9:10-9:30	<i>Book signing and break</i>
	Plenary Session 1. Biotechnology Initiatives in Agriculture, Livestock, and Aquaculture Chair: Dr. Cynthia P. Saloma
9:30-10:05	"Biotech Rice Initiatives at PhilRice" by Dr. Rhodora Romero-Aldemita, International Service for the Acquisition of Agri-biotech Applications (ISAAA)
10:05-10:40	"Impact of Sugarcane Biotechnology Projects of Philsurin" by Director Leon Arceo of Philippine Sugar Research Institute Foundation, Inc (PHILSURIN)
10:40-11:15	"Current Trends in Livestock Biotechnology" by Dr. Libertado Cruz, Philippine Carabao Center
11:15-11:50	"Sustainable Aquaculture through Fish Genetics and Biotechnology" by Dr. Melchor M. Tayamen, Bureau of Fisheries and Aquatic Resources- National Freshwater Fisheries Technology Center (BFAR-NFFTC)
11:50a-12:00n	<i>Picture taking</i>
12:00-1:15	<i>Lunch and viewing of exhibits and posters</i>
	Plenary Session 2. Biotechnology as Enterprise Chair: Dr. Mafel C. Ysrael
1:15-1:50	"Biotechnology as Intellectual Property: Ownership and Other Implications for Employees, Students, and Teachers" by Atty. Ronilo A. Beronio, Philippine Rice Research Institute
1:50-2:25	"Agri-Biotech and Prospects of Natural Ingredients from Philippine Biodiversity" by Engr. Danilo P. Manayaga, Servac Philippines, Inc., Secura Plant Genetics Corporation, and Secura International Corporation
2:25-3:00	"Biogenins for Healthy Skin from BioMart" by Dr. Gisela P. Concepcion, BioMart Asia
3:00-3:35	"A Model for Agro-Industrial Economic Development through Public - Private Partnerships" by Ms. Ma. Antonia O.G. Arroyo, Hybridigm Consulting, Inc.
3:35-3:50	<i>Break; viewing of exhibits and posters; deadline of nominations for the PSBMB Board of Directors (Jan. 2008-Dec. 2009)</i>
3:50-6:00	Young Scientists Forum Chair: Dr. Antonio A. Alfonso
6:30 onwards	<i>PhilRice tower lighting, welcome dinner, and cultural presentations</i>

30 November 2007, Friday

Plenary Session 3: Molecular Biology in Agriculture

Chair: Dr. Gabriel O. Romero

- 8:00-8:35 "Towards Understanding Some Biochemical and Molecular Biology Aspects of Coconut (*Cocos nucifera* L.)" by Dr. Evelyn Mae Tecson-Mendoza, University of the Philippines- Los Baños
- 8:35-9:10 "*Sub1*: Molecular Characterization and Application of a Major Quantitative Trait Locus for Rice Submergence Tolerance" by Dr. Sigrid Heuer, International Rice Research Institute
- 9:10-9:45 "Low Temperature Stress Regulatory Networks: Mechanistic Differences between Chilling-Insensitive and Chilling-Sensitive Plant Models" by Dr. Benildo G. de los Reyes, University of Maine
- 9:45-10:00 *Break: Exhibitor's Lecture: Promega (Golden Bat)*

Concurrent Session A. Agriculture and Industrial Biotechnology

Concurrent Session B. Natural Products, Health, and Aquaculture

- 10:00-10:35 Key Lecture: "Development of Rice Varieties Enriched with Betacarotene and Resistant to Tungro and Bacterial Blight" by Dr. Antonio A. Alfonso, Philippine Rice Research Institute
- 10:35-10:55 "Rice Blast Fungus Novel Genes Involved in DNA Recombinational Repair" by Dr. Evelyn E. de Guzman, Ateneo de Manila University
- 10:55-11:15 "Molecular Fingerprinting of Commercial Hybrid Rice Varieties and Parental Inbreds" by Ms. Loida M. Perez, Philippine Rice Research Institute
- 11:15-11:25 "Isolation and Physicochemical Characterization of Oleosin and Oil Bodies from Coconut (*Cocos nucifera* L.)" by Ms. Abigail Joy D. Rodelas, University of the Philippines-Los Baños
- 11:25-11:45 "Development of *Aspergillus oryzae* Strains Producing Heterologous Endoglucanases from Endosymbionts of the Lower Termite, *Reticulitermes speratus*" by Mr. Crisanto M. Lopez, Ateneo de Manila University
- 11:45-12:45 *Lunch; viewing of exhibits and posters; final balloting for PSBMB Board of Directors*
- 12:45-1:30 *Viewing of posters and exhibits; final poster judging: poster presenters are requested to be at their poster areas to discuss their work with the judges*
- 1:30-2:05 **Lecture in Honor of Dr. Clara Y. Lim-Sylianco**
Moderator: Dr. Ameurфина D. Santos
"Trends in Biochemistry Education" by Dr. Virginia Dia-Monje, University of the Philippines-Diliman

Plenary Session 4. Biotechnology and Health

Chair: Moderator: Dr. Ameurфина D. Santos

- 2:05-2:40 "Lunasin: An Epigenetic Model for Regulating Gene Expression and Physiological Pathways to Reduce Risk of Cancer and Heart Disease" by Dr. Alfredo F. Galvez, University of California-Davis
- 2:40-3:15 "Conantokin-Pr: Specific Antagonist of N-Methyl-D-Aspartate Receptor" by Dr. Elsie C. Jimenez, University of the Philippines-Bagui
- 3:15-3:30 *Break; viewing of exhibits and posters*
- 3:30-4:30 **Concurrent Workshop A: Workshop towards a consortium in graduate BMB education**
Chair: Dr. Evelyn Mae Tecson-Mendoza
- 3:30-4:30 **Concurrent Workshop B: Workshop on intellectual property rights**
Chair: Dr. Dindo A. Tabanao
- 4:30-4:45 Swearing-in of new members
- 4:45-5:30 PSBMB business meeting for all members
- 5:30-6:30 BioMart Asia product demonstration
- 6:30 *Fellowship night; awarding ceremonies for Young Scientists Forum, Best Poster, and the PSBMB special awards: Dr. Elsie C. Jimenez, PSBMB Research Award and Dr. Eduardo A. Padlan, PSBMB Honorary Membership*

1 December 2007, Saturday: Ecotour to Banaue Rice Terraces

