



Agenda

of the Poland-Taiwan Workshop

on Agricultural Biotechnology and Biocatalysis

December 3, 2015

Venue: Ballroom, Warsaw Marriott Hotel,
Al. Jerozolimskie 65/79, 00-697 Warsaw



Ministry of Science and Technology

Ministry of Science and Technology
106 Ho-Ping East Road, Sec. 2
106 Taipei, Taiwan



The National Centre
for Research and Development

Narodowe Centrum Badań i Rozwoju
ul. Nowogrodzka 47a
00-695 Warszawa, Poland

8.30 – 9.00	Registration and coffee
9.00 – 9.15	Welcome speech Prof. Jerzy Kątccki (Deputy Director of the National Centre for Research and Development) Ambassador Ming-Jeng Henry Chen (Representative and the Head of the Taipei Economic and Cultural Office in Poland)
9.15 – 9.20	Introduction-moderators Prof. Stanislaw Bielecki (Rector of the Lodz University of Technology) Prof. Andrzej Kononowicz (President of Polish Federation of Biotechnology)
9.20 – 9.40	Marcin Filipecki Biotechnological strategies for parasitic nematodes control in crop plants (Faculty of Horticulture and Landscape Architecture Warsaw University of Life Sciences) Agricultural biotechnology
9.40 – 10.00	Ming-Che Shih Exploring Pseudomonas Taiwanese genome for biocontrol agents against rice bacterial blight disease (Agricultural Biotechnology Research Center, Academia Sinica) Agriculture, biotechnology
10.00 – 10.20	Małgorzata Korbin Biotechnological and molecular tools in modern horticulture (Research Institute of Horticulture in Skierniewice) Agricultural biotechnology
10.20 – 10.45	Coffee break

10.45 – 11.05	Jan Szopa-Skórkowski Biotechnology of flax (Faculty of Biotechnology, University of Wrocław) Agricultural biotechnology
11.05 – 11.25	Fuh-Jyh Jan Tomato leaf curl disease in Taiwan and breeding for resistance by both conventional and transgenic approaches (Department of Plant Pathology National Chung-Hsiung University) Agriculture, biotechnology
11.25 – 11.45	Zofia Szweykowska-Kulińska Regulation of microRNA expression in barely affects tillering (Department of Gene Expression Adam Mickiewicz University in Poznań) Agricultural biotechnology
11.45 – 12.05	Kai-Wun Yeh Oncidium orchid biotechnology (Institute of Plant Biology National Taiwan University) Agriculture, biotechnology
12.05 – 13.15	Lunch break
13.15 – 13.35	Wen-Hsiung Li Synthetic biology approach to biofuel (Biodiversity Research Center, Academia Sinica) Biocatalysis, bioenergy
13.35 – 13.55	Paweł Kafarski Biotransformations as a Tool for Biorefinery (Faculty of Chemistry Wrocław University of Technology) Biocatalysis
13.55 – 14.15	David Sheng-Yang Wang Nrf2 Pathway Regulation and Anti-metastatic Activities of Antrodia cinnamomea (Department of Forestry National Chung-Hsing University) Biocatalysis, biotechnology
14.15-14.35	W. Andrzej Sokalski Exploring mystery of the first theoretically designed biocatalysts - possible improvements of the design methodology (Department of Chemistry, Wrocław University of Technology) Biocatalysis
14.35 – 14.50	Coffee break

14.50 – 15.10	<p>Maciej Szaleniec Bacterial dehydrogenases from <i>S. denitrificans</i> – biocatalytic tools for modification of sterols and steroids (Jerzy Haber Institute of Catalysis and Surface Chemistry Polish Academy of Sciences) Biocatalysis</p>
15.10 – 15.30	<p>Anna Sikora Microbial hydrogen and methane production based on anaerobic digestion of by-products of the sugar industry (Department of Molecular Biology Institute of Biochemistry and Biophysics Polish Academy of Sciences) Biocatalysis</p>
15.30 – 15.50	<p>Shau-Wei Tsai Improvements of lipase performance on preparing enantiomers via substrate engineering (Graduate Institute of Biochemical and Biomedical Engineering, Chang Gung University) Biocatalysis, bioenergy</p>
15.50 – 16.10	<p>Piotr Paneth Mechanisms of enzymatic reactions from isotope effects (Institute of Applied Radiation Chemistry Lodz University of Technology) Biocatalysis</p>
16.10 – 16.30	<p>Conclusions and expectations for the future – moderators and all (general discussion) Closing remarks – moderators</p>

