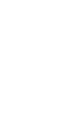


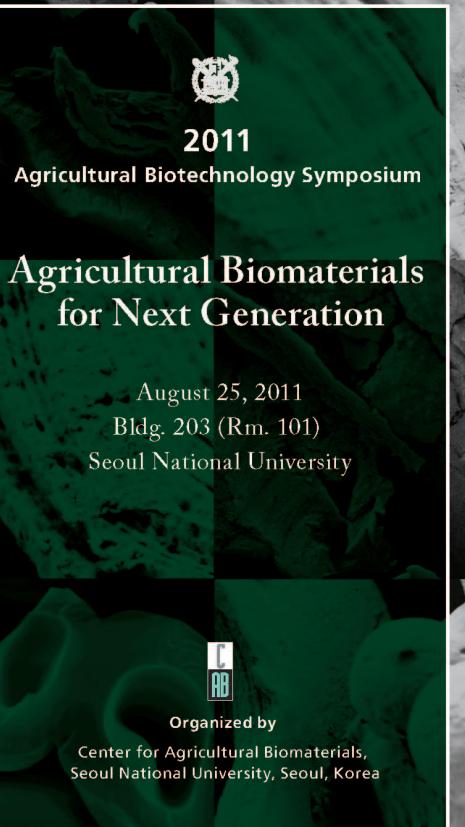
농업생물신소재연구소

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2011
Agricultural Biotechnology Symposium
**Agricultural Biomaterials
for Next Generation**
August 25, 2011
Bldg. 203 (Rm. 101)
Seoul National University
Organized by
Center for Agricultural Biomaterials,
Seoul National University, Seoul, Korea

모시는 글

우리 연구소는
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금년에는 농업생물공학 국제심포지엄의
지나온 20년 발자취를 돌아보고
미래를 향한 재도약의 발판을 마련하고자
'Agricultural Biomaterials for Next Generation'이라는 주제로
국내외 석학을 모시고 국제심포지엄을 개최하고자 합니다.
부디 참석하시어 이 분야의 연구가 활성화될 수 있도록
의견 교환과 격려를 부탁드립니다.



2011년 8월

서울대학교 농업생물신소재연구소장
문 태 화

Program

09:30~09:50 Registration
09:50~10:00 Opening address

Session I : Enzymes for Agricultural Biomaterials
Chair : Pahn-Shick Chang (Seoul National University, Korea)

10:00~10:40 Kwan Hwa Park (Incheon University, Korea)
Enzymatic modification of starch for food industry

10:40~11:20 Atsuo Kimura (Hokkaido University, Japan)
Molecular anatomy of α -1,6-glucoside(s)-forming and -hydrolyzing enzymes, comprising megalosaccharide-producing enzymes

11:20~12:00 Eui-Jeon Woo (KRIIBB, Korea)
Structural feature of the extreme thermophile maltogenic amylases from archaea

12:00~13:30 Lunch Break

14:50~15:10 Coffee Break

Session III : Food Ingredients and Biotechnological Applications
Chair : Joong-Hyuck Auh (Chung-Ang University, Korea)

15:10~15:50 Bruce R. Hamaker (Purdue University, U.S.A.)
Control of glucose delivery to the body and potential physiologic effect

15:50~16:30 Sang Ho Yoo (Sejong University, Korea)
Designing functional carbohydrate materials by utilizing transglycosylating activity of amylosucrase

16:30~17:10 Yong Ro Kim (Seoul National University, Korea)
Characterization and utilization of 4- α -glucanotransferase (4 α GTase)-treated starch

17:10~17:30 Closing ceremony

Session II : Microbes and Agricultural Biomaterials
Chair : Kwang Pum Lee (Seoul National University, Korea)

13:30~14:10 Suhn-Kee Chae (Pai Chai University, Korea)
Characterization of genes for hypoxic stress adaptation in Aspergillus nidulans

14:10~14:50 Jungkwan Lee (Dong-A University, Korea)
Usage of zearalenone for a conditional gene expression system in Gibberella zeae