

Carving Chemical Structure of Food Carbohydrates for Creating Novel Benefits in Human Health

일시 | 2017. **10. 27** (금) 13:00~17:00

장소 | 서울대학교 203동 101호

주최 | 서울대학교 식품바이오융합연구소

Program

13:00~13:20 Registration

13:20~13:30 Opening Remarks

Chair : 유상호 (세종대학교)

13:30~14:10 Role of Disproportionation Enzymes Involved in Glycogen and Starch Degradation
in Plants and *E. coli*

박관화 (서울대학교)

14:10~14:50 Isolation of Resistant Starch (RS)-degrading *Bifidobacterium* from Bovine Rumen
Fluid and Investigation of a Related RS-degrading Enzyme

박천석 (경희대학교)

14:50~15:00 Coffee Break

Chair : 김영완 (고려대학교)

15:00~15:40 Structural Basis of Branching Length Determination in the Glycogen Branching
Enzyme from *Vibrio vulnificus*

박종태 (충남대학교)

15:40~16:20 Synergistic Actions of Hemicellulose-degrading Enzymes for Production
of Prebiotic Carbohydrates

김태집 (충북대학교)

16:20~17:00 Encapsulation of Food Bioactives Using Enzymatically
Modified Starch Molecules

김용노 (서울대학교)

17:00 Closing Remarks



Center for Food and Bioconvergence
Seoul National University