

American Chemical Society  
**Division of Agricultural and Food Chemistry**  
**250th ACS National Meeting, Boston, MA, August 16-20, 2015 Fall Meeting**

**B. Park, Program Chair**

SUNDAY MORNING

**Phytonutrients: Thinking Beyond the "Essential" Nutrient Box**

B. Burton-Freeman, Organizer; I. Edirisinghe, Organizer; I. Edirisinghe, Presiding; B. Burton-Freeman, Presiding Papers 1-6

**Bioactive Compounds from Fruits & Vegetables**

L. Cisneros-Zevallos, Organizer; C. Osorio Roa, Organizer; F. Tomas-Barberan, Organizer; C. Osorio Roa, Presiding Papers 7-53

**Economically Motivated Food Adulteration: Interplay Between Detection, Policy, & Food Defense**

J. Moore, Organizer; P. F. Scholl, Organizer; J. Moore, Presiding; P. F. Scholl, Presiding Papers 14-19

SUNDAY AFTERNOON

**Phytonutrients: Thinking Beyond the "Essential" Nutrient Box**

B. Burton-Freeman, Organizer; I. Edirisinghe, Organizer; I. Edirisinghe, Presiding; B. Burton-Freeman, Presiding Papers 20-24

**Bioactive Compounds from Fruits & Vegetables**

L. Cisneros-Zevallos, Organizer; C. Osorio Roa, Organizer; F. Tomas-Barberan, Organizer; L. Cisneros-Zevallos, Presiding Papers 25-30

**Economically Motivated Food Adulteration: Interplay Between Detection, Policy, & Food Defense**

J. Moore, Organizer; P. F. Scholl, Organizer; J. Moore, Presiding; P. F. Scholl, Presiding Papers 31-34

**Modern Perspectives on Oxidation: Flavor Consequences in Foods & Beverages**

R. Elias, Organizer; K. Tandon, Organizer; R. Elias, Presiding Papers 35-39

MONDAY MORNING

**Complex Coacervation: Principles & Applications**

P. L. Dubin, Organizer; S. L. Perry, Organizer; P. L. Dubin, Presiding; S. L. Perry, Presiding Papers 40-46

**Bioactive Compounds from Fruits & Vegetables**

L. Cisneros-Zevallos, Organizer; C. Osorio Roa, Organizer; F. Tomas-Barberan, Organizer; F. Tomas-Barberan, Presiding Papers 47-52

**Food Toxicants Formed During Food Processing & Storage**

S. Wang, Organizer; L. L. Yu, Organizer; S. Wang, Presiding; L. L. Yu, Presiding Papers 54-58

**Metabolites & Metabolomics of Food Bioactives & Influence of Gut Microbiota: Chemistry and Health Effects**

S. Sang, Organizer; F. Shahidi, Organizer; F. Shahidi, Presiding; S. Sang, Presiding Papers 59-63

MONDAY AFTERNOON

**Complex Coacervation: Principles & Applications**

P. L. Dubin, Organizer; S. L. Perry, Organizer; Y. Wang, Organizer; Y. Wang, Presiding; S. L. Perry, Presiding Papers 64-70

**Chemistry, Composition & Analysis of Dietary Supplements**

K. Goodner, Organizer; Y. Kim, Organizer; M. Sukan, Organizer; K. Goodner, Presiding; Y. Kim, Presiding Papers 71-78

**Food Toxicants Formed During Food Processing & Storage**

S. Wang, Organizer; L. L. Yu, Organizer; S. Wang, Presiding; L. L. Yu, Presiding Papers 79-83

**Metabolites & Metabolomics of Food Bioactives & Influence of Gut Microbiota: Chemistry and Health Effects**

S. Sang, Organizer; F. Shahidi, Organizer; F. Shahidi, Presiding; S. Sang, Presiding Papers 84-88

**Complex Coacervation: Principles & Applications**

P. L. Dubin, Organizer; S. L. Perry, Organizer; S. L. Perry, Presiding; P. L. Dubin, Presiding Papers 89-93

MONDAY EVENING

**Sci-Mix**

B. Park, Organizer; Papers 26, 30, 57, 136, 150, 153, 209, 221, 227, 229, 242, 243, 245, 248, 249, 251, 252, 254, 255, 256, 257, 259, 291, 305

TUESDAY MORNING

**Complex Coacervation: Principles & Applications**

P. L. Dubin, Organizer; S. Mann, Organizer; S. L. Perry, Organizer; S. Mann, Presiding; P. L. Dubin, Presiding Papers 94-100

**Browned Flavors: Analysis, Formation, & Physiology**

M. Granvogl, Organizer; D. G. Peterson, Organizer; P. H. Schieberle, Organizer; M. Granvogl, Presiding; D. G. Peterson, Presiding Papers 101-105

**Food Toxicants Formed During Food Processing & Storage**

S. Wang, Organizer; L. L. Yu, Organizer; S. Wang, Presiding; L. L. Yu, Presiding Papers 106-110

**Recovery of Bioactive Compounds from Processing By-Products**

L. Howard, Organizer; Y. Kim, Organizer; S. Talcott, Organizer; L. Howard, Presiding; Y. Kim, Presiding Papers 111-116

**TUESDAY AFTERNOON**

**Complex Coacervation: Principles & Applications**

P. L. Dubin, Organizer; S. L. Perry, Organizer; P. L. Dubin, Presiding; S. L. Perry, Presiding Papers 117-123

**Browned Flavors: Analysis, Formation, & Physiology**

M. Granvogl, Organizer; D. G. Peterson, Organizer; P. H. Schieberle, Organizer; P. H. Schieberle, Presiding; D. G. Peterson, Presiding Papers 124-128

**Young Scientist Award Symposium**

C. J. Brine, Organizer; C. J. Brine, Presiding Papers 129-134

**Recovery of Bioactive Compounds from Processing By-Products**

L. Howard, Organizer; Y. Kim, Organizer; S. Talcott, Organizer; L. Howard, Presiding; Y. Kim, Presiding Papers 135-139

**AGFD Division Award: Symposium in honor of Dr. Andrew Taylor**

K. D. Deibler, Organizer; K. D. Deibler, Presiding Papers 140-146

**Complex Coacervation: Principles & Applications**

P. L. Dubin, Organizer; S. L. Perry, Organizer; P. L. Dubin, Presiding; S. L. Perry, Presiding Papers 147-151

**General Posters**

B. Park, Organizer; B. Park, Presiding Papers 152-270

**WEDNESDAY MORNING**

**Challenges in Applied Flavor Sciences**

A. J. Taylor, Organizer; L. Jones, Organizer; J. W. Marshall, Organizer; A. J. Taylor, Presiding; L. Jones, Presiding; J. W. Marshall, Presiding Papers 271-277

**Browned Flavors: Analysis, Formation, & Physiology**

M. Granvogl, Organizer; D. G. Peterson, Organizer; P. H. Schieberle, Organizer; M. Granvogl, Presiding; V. Somoza, Presiding Papers 278-283

**Environmental Effect on Plant Volatile Formation & Nonvolatile Composition**

M. C. Qian, Organizer; A. M. Rimando, Organizer; M. C. Qian, Presiding; A. M. Rimando, Presiding Papers 284-290

WEDNESDAY AFTERNOON

**Challenges in Applied Flavor Sciences**

A. J. Taylor, Organizer; L. Jones, Organizer; J. W. Marshall, Organizer; A. J. Taylor, Presiding; L. Jones, Presiding; J. W. Marshall, Presiding Papers 291-299

**Chemistry and Bioactivities of Natural Polymethoxyflavones**

C. Ho, Organizer; S. Li, Organizer; M. Pan, Organizer; S. Li, Presiding; M. Pan, Presiding Papers 300-306

**Environmental Effect on Plant Volatile Formation & Nonvolatile Composition**

M. C. Qian, Organizer; A. M. Rimando, Organizer; M. C. Qian, Presiding; A. M. Rimando, Presiding Papers 307-312

**General Papers**

B. Park, Organizer; B. Park, Presiding Papers 313-321

THURSDAY MORNING

**Chemistry and Bioactivities of Natural Polymethoxyflavones**

C. Ho, Organizer; S. Li, Organizer; M. Pan, Organizer; S. Li, Presiding; C. Ho, Presiding Papers 322-327

**General Papers**

B. Park, Organizer; B. Park, Presiding Papers 328-335