

APCCS | The 13th Asia - Pacific 2023 Chitin and Chitosan Symposium

The 33rd Annual Meeting of Korean Society for Chitin & Chitosan

Future Paradigms and Strategies for Sustainability and Applicability of Naturally Derived Materials

JEJU ORIENTAL HOTEL, Jeju, Republic of Korea

October 31-November 3, 2023

About APCCS

The 13th Asia-Pacific Chitin & Chitosan Symposium (APCCS) 2023 Committee is organized by the Korean Society for Chitin & Chitosan (KSCC). APCCS is the world's largest global platform for chitin and chitosan based technology involving more than 30 countries in Asia. Following the 12th APCCS International Symposium held in Osaka, Japan in 2018, it has been decided that the 13th APCCS to be held in Jeju Island, Republic of Korea. We* are expecting more than 500 researchers from about 20 countries and the symposium will take place at the Jeju Oriental Hotel in October 31-November 3, 2023. We sincerely invite you to share your knowledge and perspective on the future prospects of chitin and chitosan research and application.

* The Korean Society for Chitin & Chitosan(KSCC) and APCCS Committee

Organizer

Conference Co-chairs

Hyun Jin Park (Korea Univ., Korea)

Jee June Song (Mokpo National Univ., Korea)

Kwontack Hwang (Nambu Univ., Korea)

Je Hee Lee (Jeju National Univ., Korea)

Honorary Chairs

Se Kwon Kim (Hanyang Univ., Korea)

Seiichi Tokura (Hokkaido Univ., Japan)

Secretary of Chairs

Jiyeon Chun (Suncheon National Univ., Korea)

Plenary Lectures



Hyun Jin Park (Korea Univ., Korea)

Chitosan-based Nano-delivery systems
: Present and Future



Xiguang Chen (Ocean Univ. of China, China)

Chitin/chitosan whisker and application



Seiichi Tokura (Hokkaido Univ., Japan)

Recent progresses of various functions of chitin and chitosan mainly on food and agricultural functions including biomedical function



Jui-Yang Lai (Chang Gung Univ., Taiwan)

Chitosan-Functionalized Biomaterials
for Glaucoma Pharmacotherapy

Special Talk



Dai-yeun Jung (Asia Climate Change Education Center, Korea)

A Desirable Framework for Establishing a Carbon-Neutral Society

Important Dates

- ☐ Registration is open from 3rd April 2023
- ☐ Early bird registration by 25th August 2023
- ☒ **Deadline for the submission of abstracts 13th October 2023**
- ☐ The conference begins on the 31st October 2023



APCCS | The 13th Asia - Pacific 2023 | Chitin and Chitosan Symposium

The 33rd Annual Meeting of Korean Society for Chitin & Chitosan

Call for Papers

The 13th Asia Pacific Chitin and Chitosan Symposium (APCCS 2023) will be held at JEJU ORIENTAL HOTEL, Jeju, Republic of Korea during October 31-November 3, 2023. APCCS 2023 has been a technical forum for researchers and engineers to interact and disseminate information on the latest developments in Chitin and Chitosan. In this year, APCCS 2023 will be co-located with the 32nd Annual Meeting of Korean Society for Chitin and Chitosan. Prospective authors are invited to submit original technical papers for oral or poster presentation at the conference. Potential topics are solicited in, but not limited to the following topics.

- Biotechnology
- Chemistry
- Nanotechnology
- Functional Food
- Medical Application
- Cosmetic Application
- Marine Algal Polysaccharides and Their Bio activities
- Microbiology
- Environmental Application
- Other Industrial Application
- Other Biopolymer Application
- Active & Sustainable Food Packaging
- Sustainable Environmental Application
- Student Oral Presentation

International Journal of Biological Macromolecules Supports open access

The publication of the special issue (13th APCCS-33rd KSCC 2023) of the International Journal of Biological Macromolecules (IF 8.2) has been confirmed.



Registration

Registration is open from April 3, 2023 through website.

Abstract Submission will be available by October 13, 2023. It will be processed after registration fee is paid in full.

When you complete your registration and payment, you will receive an E-mail showing your registration details.

If you do not receive the E-mail, please contact the kschitinchitosan@naver.com so we can resend it.

Category	Fees (International: USD, Domestic: KRW)		
	Early-bird (April 3-Aug 25, 2023)	Normal (Aug 26-Oct 30, 2023)	Onsite (Oct 31-Nov 3, 2023)
Regular	USD 500 (KRW 500,000)	USD 550 (KRW 550,000)	USD 600 (KRW 600,000)
Student	USD 250 (KRW 250,000)	USD 300 (KRW 300,000)	USD 350 (KRW 350,000)

* Accompanying person registration : USD100

Program Schedule

Time	Tuesday, Oct 31, 2023	Wednesday, Nov 1, 2023	Thursday, Nov 2, 2023	Friday, Nov 3, 2023
08:15-08:30		Registration, Opening Ceremony	Registration	Registration
08:30-09:00		PL 1 Prof. Hyun Jin Park, Korea Univ. (Korea)	PL 3 Prof. Seiichi Tokura, Hokkaido Univ. (Japan)	PL 4 Prof. Jui-Yang LAI, Chang Gung Univ. (Taiwan)
09:00-09:15		Coffee Break	Coffee Break	Coffee Break
09:15-10:15		Session 3-1 Biotechnology	Session 8-1 Chemistry	Session 11 Functional Food
10:15-10:30		Session 4-1 Nanotechnology	Session 9 Microbiology	Session 12 Environmental Application
10:30-11:30		Break	Break	Break
11:30-13:00		Session 3-2 Biotechnology	Session 8-2 Chemistry	Session 13 Active & Sustainable Food Packaging
13:00-13:30		Session 4-2 Nanotechnology	Session 10 Other Industrial Application	Session 14 Sustainable Environmental Application
13:30-14:00		Lunch	General Assembly Meeting	Closing Ceremony
14:00-14:45		PL 2 Prof. Xiguang Chen, Ocean Univ. of China (China)		
14:45-15:15	Session 1 Marine Algal Polysaccharides and Their Bioactivities	Special Talk Director, Dai-yeun Jung, Asia Climate Change Education Center (Korea)	Excursion (Seongsan Ilchulbong Peak, UNESCO World Heritage)	
15:15-15:45	Session 2 Student Oral Presentation	Session 5-1 Medical Application		
15:45-16:30	Break	Session 6 Cosmetic Application		
16:30-17:45	Board Meeting of APCCS	Poster Session		
18:00-	Welcome Reception (Invited only)	Session 5-2 Medical Application	Session 7 Other Biopolymer Application	
		Editorial Board Meeting of JCC	Banquet	



APCCS | The 13th Asia - Pacific 2023 Chitin and Chitosan Symposium

The 33rd Annual Meeting of Korean Society for Chitin & Chitosan

■ Symposium Sessions

October 31 (Tuesday)

Session 1: Marine Algal Polysaccharides and Their Bioactivities

MAP-1	14:45-15:00	Potential of sulfated polysaccharides from <i>Sargassum hornerifor</i> for functional food ingredients (Prof. Young-Sang Kim, Jeju National Univ., Korea)
MAP-2	15:00-15:15	In vitro and in vivo immuno-enhancing effect of fucoidan isolated from non-edible brown seaweed <i>Sargassum thunbergii</i> (Dr. Fqngqi Yang, Jeju National Univ., Korea)
MAP-3	15:15-15:30	Cellulast assisted hydrolysate and its fractional ethanol extracts ameliorate high fat diet induced obesity and fatty liver through suppression of adipogenesis and lipolysis in white adipose tissues and fatty acid oxidation pathway in mouse liver tissues (Dr. Hyo-Geun Lee, Jeju National Univ., Korea)
MAP-4	15:30-15:45	Glycan Structural characterization of fucoidans derived from <i>Sargassum</i> species in Jeju Island and their anti-inflammatory activity: Structure-activity relationship (SAR) study (Dr. Jun-Geon Je, Jeju National Univ., Korea)

Session 2: Student Oral Presentation

SOP-1	14:45-14:55	Hollow chitosan hydrogel tube with controllable wrinkled pattern via film-to-tube fabrication (Jingxian Zhang, Wuhan Univ., China)
SOP-2	14:55-15:05	Antioxidant Properties and Phlorotannin Content of Sea Mustard (<i>Undaria pinnatifida</i>) By-products (Rea Mae Templonueve, Sunchon National Univ., Korea)
SOP-3	15:05-15:15	Anti-allergic effect of Curcuma longa L. leaf hot water extract on IgE/BSA-stimulated mast cell activation and DNCB-induced atopic dermatitis in a BALB/c mouse model (Maheshika Jayasinghe, Chonnam National Univ., Korea)
SOP-4	15:15-15:25	Fucoidan refined from <i>Saccharina japonica</i> ameliorates fine dust-induced inflammation in human keratinocytes, underlying fibroblasts, and TPA-induced ear edema in mice (Isuru kirindage, Chonnam National Univ., Korea)
SOP-5	15:25-15:35	Characterization of PCL/Chitosan Nano-film Loaded with Nano-zeolite as Novel Food Packaging (Yue Zhao, Sunchon National Univ., Korea)
SOP-6	15:35-15:45	Structural analysis and biological properties of chitosan derived from black soldier fly <i>Hermetia illucens</i> larvae (Yong-Hyun Lee, Gachon Univ., Korea)
SOP-7	15:45-15:55	To be announced (Seonghyeon Nam, Jeju National Univ., Korea)
SOP-8	15:55-16:05	To be announced (Kyungmo Kang, Korea Univ., Korea)

November 1 (Wednesday)

Session 3-1: Biotechnology

BT-1	09:15-09:30	Bioproduction of Prodigiosin from Chitin-Containing Fishery Byproducts and Its Application in Agriculture (Prof. San-Lang Wang, Tamkang Univ., Taiwan)
BT-2	09:30-09:45	Effects of chitosan oligomer on the growth of onion (Dr. Parvin Begum, Showa Co. Ltd., Japan)
BT-3	09:45-10:00	Electro-fabrication of chitosan hydrogel (Prof. Xiaowen Shi, Wuhan Univ., China)
BT-4	10:00-10:15	Chitosan induces trained immunity in human microglial cells exposed to bacterial LPS (Prof. Thi Xoan Hoang, Gachon Univ., Korea)

Session 3-2: Biotechnology

BT-5	10:30-10:45	Chitosan from various sources as pharmaceutical excipient – regulatory aspects (Katja Richter, Heppe Medical Chitosan GmbH, Germany)
BT-6	10:45-11:00	3D Printing of Biomimetic Gastric Dynamic Model by using Metharylated Chitosan (Prof. Ming-Hua Ho, National Taiwan Univ. of Science and Technology, Taiwan)
BT-7	11:00-11:15	Dual cure (thermal/photo) composite hydrogel derived from chitosan/collagen for in situ 3D bioprinting (Prof. Ming Kong, Ocean Univ. of China, China)
BT-8	11:15-11:30	A gelatin-polysaccharide bioink for 3D fabrication of an in vitro multicellular brain-like tissue (Prof. Yi-Chen Li, Feng Chia Univ., Taiwan)



APCCS | The 13th Asia - Pacific 2023 Chitin and Chitosan Symposium

The 33rd Annual Meeting of Korean Society for Chitin & Chitosan

■ Symposium Sessions

November 1 (Wednesday)

Session 4-1: Nanotechnology

NANO-1	09:15-09:30	Chitin nanofiber; modifications, biological properties, and its practical applications (Prof. Shinsuke Ifuku, Tottori Univ., Japan)
NANO-2	09:30-09:45	Study of Chitosan based Polyelectrolytic Complex Coacervates (Prof. Yan Zhao, Jihua Laboratory, China)
NANO-3	09:45-10:00	3D-printed Poly(lactic Acid) Scaffold Surface Modified with 4-Methoxycinnamic Acid-loaded Chitosan Nanoparticles for Bone Regeneration (Abinaya Shanmugavadivu, SRMIST, India)
NANO-4	10:00-10:15	Bioinspired Design of Micro-Nano Hybrid Fibrous Network Chitosan Cryogel and Its Application (Luhe Qi, Wuhan Univ., China)

Session 4-2: Nanotechnology

NANO-5	10:30-10:45	Chitosan Coated Yeast Microcapsule for Efficient Delivery of Cefadroxil for the Treatment of ulcerative colitis (Subramaniyan Natesan, NIPER Kolkata, India)
NANO-6	10:45-11:00	Injectable chitosan-based hydrogels for pH- and thermo-sensitive drug release of antibiotics (Chih-Yu Kuo, National Taipei Univ. of Technology, Taiwan)
NANO-7	11:00-11:15	Potential application of oligochitosan-coated-curcumin-loaded liposomes and curcumin-oligochitosan nanoparticle complexes in wound healing and scar treatment (Minh-Hiep Nguyen, Dalat Nuclear Research Institute, Vietnam)
NANO-8	11:15-11:30	To be announced (Prof. Min Hyeock Lee, Kyung Hee Univ., Korea)

Session 5-1: Medical Application

MA-1	14:00-14:15	Adhesive Biomechanical Polyphenolic Chitosan (Prof. Haeshin Lee, KAIST, Korea)
MA-2	14:15-14:30	Effect of glucosamine, a chitosan monomer on biomarkers for cartilage (Prof. Isao Nagaoka, Juntendo Univ., Japan)
MA-3	14:30-14:45	Application of chitosan and its derivatives in islet transplantation (Prof. Chia-Rui Shen, Chang Gung Univ., Taiwan)
MA-4	14:45-15:00	Chitosan films for mucoadhesive, ocular, and topical applications (Prof. Sabitha Mangalathillam, Amrita School of Pharmacy, India)
MA-5	15:00-15:15	The relationship between the structure of chitoooligosaccharide and their anti-inflammatory activity (Prof. Ke Cheng Li, Chinese Academy of Sciences, China)

Session 5-2: Medical Application

MA-6	16:30-16:45	Biomedical Application of Chitosan/Alginate based PEC Gel (Prof. Hiroshi Tamura, Kansai Univ., Japan)
MA-7	16:45-17:00	Antibacterial Chitosan Hydrogel in Infectious Wound Healing (Prof. Jayakumar Rangasamy, Amrita Vishwa Vidyapeetham, India)
MA-8	17:00-17:15	Preparation and validation of rapidly dispersing and disintegrating chitosan tablets as oral adsorbents in the treatment of lifestyle-related disease (Prof. Makoto Anraku, Sojo Univ., Japan)
MA-9	17:15-17:30	Creation of chitosan-based structural objects for biomedical applications (Prof. Chih-Kaung Chen, National Sun Yat-Sen Univ., Taiwan)
MA-10	17:30-17:45	Antitumor effect of chitosan oligosaccharides (Dr. Yoshiharu Okamoto, Wolves Hand's Advanced Veterinary Medical Research Institute, Japan)

Session 6: Cosmetic Application

MA-1	14:00-14:15	Chito-Beads: A Sustainable and Effective Alternative to Plastic Microbeads for Personal Care Products (Prof. Jeyoung Park, Sogang Univ., Korea)
MA-2	14:15-14:30	Commercialization for beauty and tissue regeneration and plastic surgery products using Solid Hyaluronic Acid Technology Platform (CEO/Dr. Dong-Keon Kwon, Jinwoo Bio Co, Ltd.)
MA-3	14:30-14:45	Nanoencapsulation and Bioavailability Enhancement Study of Microalga <i>Phaeodactylum tricornutum</i> Extract Containing Fucoxanthin (Dr. Song Yi Koo, Korea Institute of Science and Technology, Korea)
MA-4	14:45-15:00	To be announced
MA-5	15:00-15:15	To be announced

Session 7: Other Biopolymer Application

OBA-1	16:30-16:45	Physicochemical properties of bacterial cellulose/polypyrrole/ chitosan composite membranes and their evaluation as wound dressings (Prof. Trong-Ming Don, Tamkang Univ., Taiwan)
OBA-2	16:45-17:00	To be announced (Vice president, Tanachart Ralsiripong, Thai Wah Republic company Ltd., Thailand)
OBA-3	17:00-17:15	Green design of novel starch for improving its functionality in food products (Prof. Hyunjung Jung, Chonnam National Univ., Korea)
OBA-4	17:15-17:30	Sulfur(VI) Fluoride Exchange (SuFEx)-Mediated Synthesis of the Chitosan-PEG Conjugate and Its Application as Protein Carriers (Prof. Kyungjae Jang, Gyeongsang National Univ., Korea)
OBA-5	17:30-17:45	Natural Resource-derived Biomaterials for 3D Printing and Gene Delivery (Prof. Hoon Seonwoo, Sunchon National Univ., Korea)



APCCS | The 13th Asia - Pacific 2023 Chitin and Chitosan Symposium

The 33rd Annual Meeting of Korean Society for Chitin & Chitosan

■ Symposium Sessions

November 2 (Thursday)

Session 8-1: Chemistry		
CHEM-1	09:15-09:30	Solvation effect to convert molecular affinity of chitin molecules (Prof. Seiichi Tokura, Hokkaido Univ., Japan)
CHEM-2	09:30-09:45	To be announced (Prof. Jongbin Lim, Jeju National Univ., Korea)
CHEM-3	09:45-10:00	Fabrication of hydrothermally reduced graphene oxide/chitosan composite membranes with a lamellar structure on methanol dehydration (Prof. Wei-Song Hung, National Univ. of Science and Technology, Taiwan)
CHEM-4	10:00-10:15	Synthesis of thermoplastic chitosan derivatives (Prof. Jun-ichi Kadokawa, Kagoshima Univ., Japan)
Session 8-2: Chemistry		
CHEM-5	10:30-10:45	Efficient conversion of chitin to 5-hydroxymethylfurfural in a HCOOH/CaCl ₂ system (Prof. Yukun Qin, Chinese Academy of Sciences, China)
CHEM-6	10:45-11:00	Preparation and their properties of functional chitosan derivatives via acyl chitosan isothiocyanates (Prof. Toshiyuki Takano, Kyoto Univ., Japan)
CHEM-7	11:00-11:15	The development of bio-hydrogel from chitosan/-phosphoglycerol/peptide prevents postoperative wound adhesion (Prof. Hui-Min David Wang, National Chung Hsing Univ., Taiwan)
CHEM-8	11:15-11:30	Chitin Extraction using Deep Eutectic Solvents (Prof. Wen-Can Huang, Ocean Univ. of China, China)
Session 9: Microbiology		
MICRO-1	09:15-09:30	(Keynote) Challenge to Microbiology Using Polysaccharide Nanoparticles as a New Formulation of Prebiotics (Prof. Chong-Su Cho, Seoul National Univ., Korea)
MICRO-2	09:30-09:45	General Structure-Activity Relationship for Antimicrobial Chitosan Derivatives and Conjugates (Prof. Már Másson, Univ. of Iceland, Iceland)
MICRO-3	09:45-10:00	Antimicrobial CRAMP-18 Peptide Conjugated to Chitosan via CuAAC: Evaluation of Antibacterial Activity (Prof. Sankar Rathinam, University of Iceland, Iceland)
MICRO-4	10:00-10:15	To be announced
Session 10: Other Industrial Application		
OIA-1	10:30-10:45	Carboxymethyl chitosan has a peculiar pH- and CO ₂ -responsive water solubility (Prof. Yeong-Tarn Shieh, National Univ. of Kaohsiung, Taiwan)
OIA-2	10:45-11:00	Green and efficient processing technology for the whole industry chain of chitin (Prof. Xiangzhao Mao, Ocean Univ. of China, China)
OIA-3	11:00-11:15	An economical and sustainable production model of chitosan from shrimp co-products toward the circular economy in Vietnam (Loc Thanh Phan, Vietnam Food, Vietnam)
OIA-4	11:15-11:30	Chitin Nanofiber Films for Flexible Piezoelectric applications (Prof. Seok Ju Kang, Ulsan National Institute of Science & Technology, Korea)

November 3 (Friday)

Session 11: Functional Food		
FF-1	09:15-09:30	Separation, purification and Neuroprotective effects of chitosan oligosaccharide (Prof. Bin Wang, Jiangnan Univ., China)
FF-2	09:30-09:45	Chitin and chitosan as saltiness enhancers for sodium reduction in foods (Prof. Shang-Ta Wang, National Taiwan Ocean Univ., Taiwan)
FF-3	09:45-10:00	3D Food Printing: Principles of Obtaining Digitally-Designed Nourishment (Prof. Hyun Woo Kim, Korea Univ., Korea)
FF-4	10:00-10:15	Effect of L-cysteine on functional properties and fibrous structure formation of 3D-printed meat analogs from plant-based proteins (Dr. Chhychhy Chao, Korea University, Korea)
Session 12: Environmental Application		
EA-1	09:15-09:30	Preparation of triiodide resin by reaction of potassium iodide with peracetic acid (Prof. Jong-Hee Kwon, Gyeongsang National Univ., Korea)
EA-2	09:30-09:45	Wholly bio-based, Ultra-tough, Biodegradable Polyester Composites Reinforced with Nanochitin and Nanocellulose (Prof. Junggho Jin, Univ. of Ulsan, Korea)
EA-3	09:45-10:00	Optimizing Bioethanol Yield from Chitin Waste: Sustainable Biotechnological Approaches for a Circular Economy (P V Atheena, Manipal Institute of Technology, India)
EA-4	10:00-10:15	Chitosan nanocrystals for food packaging application (Prof. Dongyeop Oh, Inha Univ., Korea)
Session 13: Active & Sustainable Food Packaging		
SFP-1	10:30-10:45	Life Cycle Assessment between reusable Recycled-PET with vacuum insulated panel and expanded polystyrene packaging (Prof. Yangjai Shin, Korea Univ., Korea)
SFP-2	10:45-11:00	Current status and prospects of international and national standardization of active packaging (Dr. Jongkyoung Kim, Korea Conformity Laboratories, Korea)
SFP-3	11:00-11:15	Development and Application of a Chitisan-Polyactate Packaging Material in Seafood Preservation (Prof. Guo Jane Tsai, National Taiwan Ocean Univ., Taiwan)
SFP-4	11:15-11:30	Development of active packaging material for fishery products based High-Density Polyethylene /Zeolite/Zinc oxide ternary composite (Dr. Charoensri Korakot, Korea Univ., Korea)
Session 14: Sustainable Environmental Application		
SEA-1	10:30-10:45	Impact of Long Distance Transport on Secondary Aerosols, Air Toxics, and Aerosol Oxidative Potential during an Air Pollution Event in Korea (Prof. Minsuk Bae, Mokpo National Univ., Korea)
SEA-2	10:45-11:00	Study on the current status of Greenhouse gas emissions from Sewage Treatment Facilities (Ye Hee Song, National Agricultural Products Quality Management Service, Korea)
SEA-3	11:00-11:15	Development of scattering Dust prevention agent through Recycling of Sargassum Horneri which is Marine Debris (Seon Gyeong Jo, Seo Woo In Co. Ltd., Korea)
SEA-4	11:15-11:30	A Study on the Efficient operation of Sewage treatment Facilities to respond to the Climate Crisis (Dr. Nam Kuk Cho, ATON Industry Co. Ltd., Korea)



APCCS | The 13th Asia - Pacific 2023 Chitin and Chitosan Symposium

The 33rd Annual Meeting of Korean Society for Chitin & Chitosan

International Advisors

Nur Hanani Zainal Abedin (Malaysia)
Seiichi Aiba (Japan)
Rong-Huei Chen (Taiwan)
Xi Guang Chen (China)
Suwabun Chirachanchai (Thailand)
Chonsu Cho (Korea)
Yumin Du (China)
Thazin Han (Myanmar)
Rangasamy Jayakumar (India)
R. Jayakumar (India)
Toshinari Kawada (Japan)
Hisashi Kimoto (Japan)

Pengcheng Li (China)
Jia-Hong Lin (Taiwan)
Masahiro Matsumiya (Japan)
Fwu-Long Mi (Taiwan)
Kong Ming (China)
Isao Nagaoka (Japan)
Ngo Dang Nghia (Vietnam)
Minh Hiep Nguyen (Vietnam)
Nitar New (Myanmar)
Ro-Dong Park (Korea)
Yudi Pranoto (Indonesia)
Pranee Rojsitthisak (Thailand)
Ratana Rujiravanit (Thailand)

Yeong-Tarng Shieh (Taiwan)
Taeil Son (Korea)
Vikram Sudhakar (India)
Wanpen Tachaboonyakiat (Thailand)
Saori Takahashi (Japan)
Hiroshi Tamura (Japan)
Guo-Jane Tsai (Taiwan)
Min-Lang Tsai (Taiwan)
Tadashi Uragami (Japan)
Da-Ming Wang (Taiwan)
San-Lang Wang (Taiwan)
Thunnalin Winuprasith (Thailand)
M. Aman Wirakartakusumah (Indonesia)

Domestic Organizing Committee

Auditor

Hojae Bae (Konkuk University, Korea)
Kee Dal Nam (Korea University)

Dputy Secretary General

Jong Hee Kwon (Gyeongsang National University)
Youngjin Cho (Korea Food Research Institute)
Jungho Jin (University of Ulsan)

Academic Affairs

Yoon Ki Joung (Korea Institute of Science and Technology)
Dongyeop Oh (Korea Research Institute of Chemical Technology)
Hoon Seonwoo (Sunchon National University)
Jae-Kyung Kim (Korea Atomic Energy Research Institute)
Jong Hun Lee (Gachon University)
Ji Yeon Choi (Korea Institute of Energy Research)
Daeung Yu (Changwon National University)
Jinyoung Lee (Sangmyung University)

Financial Affairs

Min Hyeock Lee (Kyung Hee University)
Eun Jung Lee (Korea Polytechnics)

Information Affairs

Hong-Seok Son (Korea University)
Hyun Woo Kim (Korea University)

Business Affairs

Hansol Doh (Ehwa Womans University)
Sung Jin Park (Korea University)
Chang-Gu Hyun (Jeju National University)
Kwang Hyun Park (Nambu University)
Jee Wook Lee (Korea Evaluation Institute of Industrial Technology)
Jong Bin Lim (Jeju National University)
Jeon Min-hong (Busan Innovation Institute of Industry)

Editorial Department

Woo Jin Jung (Chonnam National University)
Sang Hoon Lee (Korea Food Research Institute)
Chang Soo Park (Daegu Catholic University)
Ginnae Ahn (Chonnam National University)
Chang Moon Lee (Chonnam National University)
Lim Won Bong (Chosun University)
Seok Ju Kang (Ulsan National Institute of Science & Technology)
Ki Sung Ko (Chung-Ang University)
Dong Soo Hwang (Pohang University of Science & Technology)

International Affairs

Young Teck Kim (Virginia Tech, USA)
Eunju Kim (ILSI Korea)
Jun Woo Lee (Korea Institute of Science & Technology Information)
Eun Joo Lee (University of Wisconsin-Stout, USA)

Office Manager

Hyoyeon Shin (The Korean Society for Chitin & Chitosan, Korea)

Exhibitors and Sponsors

 제주대학교 JEJU NATIONAL UNIVERSITY	 경상국립대학교 Gyeongsang National University	 국립목포대학교	 경북대학교	 SUHEUNG
 (주)두한바이오 Duhan Bio Co., Ltd	 CREMAR	 고려인삼과학(주) KOREA GINSENG BIO-SCIENCE CO., LTD	 바다향 해초향	 WOOSHIN
 영흥식품주식회사 YOUNG HEUNG Groceries Co., Ltd.	 (유) 올뉴사이언스 All New Science Co., Ltd	 주식회사 건농 Geonnong Co., Ltd	 산들촌 Sandeulchon Co., Ltd	 SOKCHO BIO
 (주)대진환경산업 http://www.daejin-env.co.kr	 B&T 주식회사 비엔텍	 DAESANG	 (주)녹십초 Noksibcho Co., Ltd	 UNIWEI
 SVVI 주식회사서우원 SEOWOON	 세종바이오팜 Sejong BioPharm	 foody worm	 리트에이치엔 주식회사 RetonHN Co., Ltd	 농심 Nongshim Co., Ltd
 알파과학 Alpha Science Co., Ltd	 (유)일토씨엔엠 LITO Consignment & Management	 에스와이바이오 SY Bio Co., Ltd	 아라움 Arawoom Co., Ltd	 hy 에치와이 Hy Co., Ltd
 Famenity				

