

Program of Plasma Bio Tutorial

23rd June. 2024 (Sunday), #310, 80 th Anniv. Hall, KWU	
14:00 ~ 14:10	Welcome School Lecture Remarks Prof. Eun Ha Choi Chairman of ISPB14
14:10 ~ 14:50	[Tutorial 1] Plasma bioscience and application Prof. Eun Ha Choi (Kwangwoon University)
14:50 ~ 15:00	Tea break
15:00 ~ 15:40	[Tutorial 2] Agricultural and Food application using nonthermal plasma(TBD) Prof. Alexander Fridman (Nyheim Chair Professor, MEM, Drexel University)
15:40 ~ 15:50	Tea break
15:50 ~ 16:30	[Tutorial 3] Plasma liquid and Biological Interaction(TBD) Prof. HanSupUhm
16:30 ~ 16:40	Tea break
16:40 ~ 17:20	[Tutorial 4] Plasma application to food industry Prof. Gyungsoon Park (Kwangwoon University)
17:20 ~ 17:30	Closing remarks
17:30 ~	Welcome Reception (2F, Lobby)

Program of ISPB14

24th June. 2024 (Monday), #310, 80 th Anniv. Hall, KWU	
09:00 ~ 09:10	Registration
09:10 ~ 09:30	Welcome ISPB14 remark Eun Ha Choi
Mo1	Session 1 Chairman : Eun Ha Choi(KwangWoon University, Korea)
09:30 ~ 10:10	[Plenary Talk 1] Biological interactions of plasma-activated solutions Prof. Hiromasa Tanaka (Nagoya University, Japan)
10:10 ~ 10:30	Tea Break
10:30 ~ 11:00	(Invited Talk) Evaluation of cold atmospheric-pressure plasma induced short- and long-lived reactive oxygen and nitrogen species Jun-Seok Oh (Osaka Metropolitan University, Japan)
11:00 ~ 11:30	(Invited Talk) Pradoong Suanpoot (Maejo University, Chiang Mai)
11:30 ~ 13:00	Lunch Time
Mo2	Session 2
13:00 ~ 13:30	(Invited Talk) Dongping Liu (Dalian University, China)
13:30 ~ 14:00	(Invited Talk) Research on Environmental Application of Plasma Technology in KFE-IPT Yong Sup Choi (KFE-IPT, Korea)
14:00 ~ 14:20	Tea Break
14:20 ~ 14:50	(Invited Talk) Sanghoo Park (KAIST, Korea)
14:50 ~ 15:20	(Invited Talk) Plasma-Activated Media for Wet-Soft Surface Treatments of Metal Oxide Semiconductor Films in Atmospheric Conditions for Biosensors Byoungchoo Park (Kwangwoon University, Korea)
15:20 ~ 15:40	Tea Break
Mo3	Session 3
15:40 ~ 16:10	(Invited Talk) Kihyeun Kim (GIST, Korea)
16:10 ~ 16:40	(Invited Talk) Neha Kaushik (The University of Suwon, Korea)
16:40 ~ 17:40	ISPB special talk
17:40 ~ 19:00	Poster session 1 (2F, Lobby)

25th June. 2024 (Tuesday), #310, 80 th Anniv. Hall, KWU	
Th1	Session 4
9:00 ~ 9:30	(Invited Talk) Sun Jung Kim (Dongguk University, Korea)
9:30 ~ 10:00	(Invited Talk) Xinpei Lu (HuaZhong University of Science and Technology, China)
10:00 ~ 10:30	(Invited Talk)Quantification of RONS introduced into seeds by atmospheric pressure plasmas. Kazunori Koga (Kyushu University, Japan)
10:30 ~ 10:50	Tea Break
10:50 ~ 11:20	(Invited Talk) Nagendra Kaushik (Kwangwoon Univ.,Korea)
11:20 ~ 11:50	(Invited Talk) Jun Sup Lim (Kwangwoon University, Korea)
11:50 ~ 13:00	Lunch Time
13:00 ~ 17:00	Excursion
17:00 ~	Banquet

26th June. 2024 (Wednesday), #310, 80 th Anniv. Hall, KWU	
We1	Session 5
9:30 ~ 10:10	[Plenary Talk 2] Input of bactericidal and regenerative effects in wound healing upon non-thermal plasma treatments Prof. Svetlana Ermolaeva (Microbiology, Sechenov Medical University, Russia)
10:10 ~ 10:40	(Invited Talk) Feng Huang (China Agricultural University, China)
10:40 ~ 10:50	Tea Break
10:50 ~ 11:20	(Invited Talk) Gyungsoon Park (Kwangwoon Univ.,Korea)
11:20 ~ 11:50	(Invited Talk) Henrike Brust (INP, Germany)
11:50 ~ 13:00	Lunch Time
We2	Session 6
13:00 ~ 14:00	Poster session 2 (2F, Lobby)
14:00 ~ 14:20	(Invited Talk) Anti-cancer property of non-thermal plasma activated medium in lung cancer stem-like cell by targeting peroxiredoxin 5 Hu-Nan Sun (Heilongjiang Bayi Agricultural University, China)
14:20 ~ 14:50	(Invited Talk) Mi Ja Lee (National Institute of Crop Science, Rural Development Administration, Korea)
14:50 ~ 15:10	Tea break
We3	Session 7
15:10 ~ 15:40	(Invited Talk) Min Jang (Kwangwoon University, Korea)
15:40 ~ 16:10	(Invited Talk) Enhanced efficiency for water treatment by plasma-based advanced oxidation process Jae-Kyu Yang (Kwangwoon University, Korea)
16:10 ~ 16:30	Tea break
16:30 ~ 17:00	(Invited Talk) Standardization of non-thermal plasma wound treatment equipment or NO agriculture Jin Sung Choi (Kwangwoon Univ.,Korea)
17:00 ~ 18:00	ISPB special talk
18:00 ~ 18:40	Poster Award & Closing Declaration Eun Ha Choi, Chairman of ISPB14