



2020 One Health 항생제 내성균 국제 심포지엄

2020 International Symposium of Multi-sectoral One Health AMR Initiative for AMR control

일시 2020년 11월 19일(목)~20일(금)

장소 오크우드 프리미어 코엑스센터 5층 오크&프리미어를

진행 온라인

주관 질병관리청 국립보건연구원



사전등록 바로가기

2020.11.19. [Thu], 12:30~18:00

Time	Topic & Speaker (Day 1)	
12:30-13:30	Registration	
13:30-13:35	Opening message	Hee-chang Jang (Director General of NIID, Korea)
13:35-13:40	Welcoming address	Jun-wook Kwon (Director General of NIH, Korea)
Session 1. Global Surveillance of AMR and AMU		(Deputy Director General of CIDR, Korea)
13:40-14:10	The present and the future of GLASS	Sergey Eremin (WHO, Switzerland)
14:10-14:40	Preventing drug resistant infections globally: it's time to act	Benjamin J. Park (CDC, USA)
14:40-15:10	The One Health approach to AMR and AMU in Denmark	Johanne Ellis Iversen (DANMAP, Denmark)
15:10-15:40	Antimicrobial resistance strategy in South Africa emphasizing surveillance roles	Olga Perovic (NICD, South Africa)
15:40-16:10	Veterinary antimicrobial Stewardship-Critical Need, Essential Practice	Stephen W. Page (Advanced Veterinary Therapeutics, Australia)
16:10-16:30	Coffee Break	
16:30-16:50	One Health Approach against AMR in Korea: Multi-sectoral AMR Research Strategies and Activities	Jung Sik Yoo (NIH, Korea)
16:50-17:10	Development of surveillance technologies for antimicrobial resistance in the aquatic environment and scenario of resistance transmission	Chang Jun Cha (Chung-Ang Univ., Korea)
17:10-17:30	Management and utilization of antibiotics for agriculture in Korea	Kyoung-yul Ryu (NAS, Korea)
17:30-17:50	Q & A	
17:50-18:00	Closing	

사전등록

등록마감 : ~2020.11.13(금)까지

등록방법 : 심포지엄 홈페이지(www.one-health.kr) 또는 사전등록 사이트 (포스터 상단 QR코드)에서 사전등록을 완료하시면 안내 문자가 발송됩니다.

등록비 : 무료

문의처 : 2020 OneHealth 항생제 내성균 국제 심포지엄 사무국

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2020.11.20. [Fri], 10:00~17:00

Time	Topic & Speaker (Day 2)	
Session 2. New technology : AMR diagnosis and antibiotic alternative		Choong-Min Ryu, Dong Eun Yong
10:00-10:20	Development of New Therapeutics against Multidrug-Resistant <i>Acinetobacter baumannii</i>	Je Chul Lee (Kyungpook Univ., Korea)
10:20-10:40	Development of Antibiotic alternatives using a DNA mimic molecule	Jang Won Yoon (Kangwon Univ., Korea)
10:40-11:00	Bacteriophage-mediated control of Shiga toxin-producing <i>E. coli</i>	Sang Jun Lee (Chung-Ang Univ., Korea)
11:00-11:20	dRAST for antibiotic stewardship in Hospital	Sunghoon Kwon (Seoul Univ., Korea)
11:20-11:40	A fidget spinner for point-of-care detection of bacterial infection	Yoon-Kyoung Cho (UNIST, Korea)
11:40-12:00	Development of diagnostics for AMR in agriculture and agri-food	Jae-Ki Ryu (NAS, Korea)
12:00-12:20	Q & A	
12:20-13:30	Lunch	
Session 3. Genomic approach to transmission and evolution of AMR		Seok Hoon Jeong, Jongchan Chae
13:30-14:00	Using comparative genomics and metagenomics to define the molecular ecology of antimicrobial resistance across a "One-Health" continuum	Tim A. McAllister (AAFC/AAC, Canada)
14:00-14:30	Characterization of plasmid from <i>Serratia</i> strains isolated from fresh produce in northern Germany	Gyu-Sung Cho (MRI, Germany)
14:30-14:50	Cloud-based system for AMR surveillance using whole-genome sequence data	Jongsik Chun (Seoul Univ., Korea)
14:50-15:00	Coffee Break	
15:00-15:20	Model establishment and identification of the resistance gene transmission mechanisms of cross-infection bacteria between human-animal-environment	Seok Hoon Jeong (Yonsei Univ., Korea)
15:20-15:40	Metagenomic exploration of resistome in effluent from wastewater treatment plants and flow-through system fish farms	Tatsuya Unno (Jeju Univ., Korea)
15:40-16:00	Freshwater Bacteriophages Harbor Novel β -Lactamases	Jang-Cheon Cho (Inha Univ., Korea)
16:00-16:20	Antimicrobial resistance in livestock production and its impact on public health	Soo-jin Yang (Chung-Ang Univ., Korea)
16:20-16:40	Q & A	
16:40-17:00	Closing	

* This program may be subject and schedule to change according to the state of the symposium and COVID-19.