



The International Workshop on *Campylobacter*, *Helicobacter* and Related Organisms

Date: Nov 14th-19th, 2022

Host Organizers:

Chinese Association of Animal Science and Veterinary Medicine (CAAV)

Yangzhou University (YZU)

China Agricultural University (CAU)

National Institute for Communicable Disease Control and Prevention, Chinese Center for
Disease Control and Prevention (ICDC, China CDC)

Organizer:

Beijing Boyar Media Co., LTD

Chairmen:

Prof. Jiao Xinan Yangzhou University

Prof. Shen Jianzhong China Agricultural University

Prof. Zhang Jianzhong ICDC, China CDC

Organizing committee members:

HUANG Jinlin ZHANG Maojun SHEN zhangqi SHI Juan

TANG Yuanyue GAO Beile YOU Yuanhai WANG Yang

Conference secretary and Webinar service:

TANG Yuanyue WANG Biyong XIANG Hui ZHANG Ying ZHANG Suxing

Website:

<http://chro.bomeeting.net/en>

QR code for mobile participation:



Registration Fee:

For delegate: 1200RMB

For student: 800 RMB

CHRO Organizing Committee
China



Agenda

Day 1, Nov 14th, 2022

| Poster Presentation | | | |
|--|---|----------------|--|
| Number | Title | Author | Institute |
| Antibiotics and Antimicrobial Resistance | | | |
| 5579 | Distribution characteristics of the <i>sabA</i> , <i>hofC</i> , <i>homA</i> , <i>homB</i> and <i>frpB-4</i> genes of <i>Helicobacter pylori</i> in different regions of China | Mengyang Fang | Nanjing Medical University |
| 5643 | Prevalence of <i>Campylobacter</i> spp. contamination in poultry, porcine, bovine, and ovine liver in Ireland | Olwen Golden | Department of Agriculture, Food and the Marine, Ireland |
| Epidemiology and Public Health | | | |
| 5599 | Antimicrobial resistance profile of a <i>Campylobacter jejuni</i> strain causing perimyocarditis | Beatriz Melero | University of Burgos |
| 5561 | Optimization for <i>Campylobacter</i> separation from different cleanliness samples in slaughterhouse with different combinations of antibiotics | Suxing Zhang | Yangzhou University |
| 5598 | <i>Campylobacter</i> spp. in Shellfish in Croatian | Andrea Humski | Croatian Veterinary Institute |
| Genomics, Proteomics, Glycomics and Other -Omics | | | |
| 5565 | <i>Campylobacter jejuni</i> flagellar regulatory protein FlhF is involved in the defense mechanism of oxidative stress | Ying Zhang | Yangzhou University |
| Molecular Sub-typing and Pathogen Surveillance | | | |
| 5548 | Evaluation of BioNumerics Core Genome and Whole Genome Multilocus Sequence Typing for <i>Campylobacter</i> Outbreak Detection | Lavin Joseph | CDC |
| 5581 | Capsular Genotype and Lipooligosaccharide Class Genomic Characterizations of <i>Campylobacter jejuni</i> From Food Animals in China | Xiaoqi Zang | Yangzhou University |
| 5583 | Phylogenetic analysis of <i>Campylobacter</i> species in a multi-host system from a wildlife-rural interface in Uganda | Valter Almeida | Molecular Epidemiology and Public Health Laboratory, Hopkirk Research Institute, Massey University |
| 5518 | Prevalence and diversity of <i>Campylobacter</i> carriage by migratory birds at three major habitats in China | Shanrui Wu | Qingdao University |
| Methods of Detection, Identification and Characterization | | | |



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| 5547 | Two novel <i>Campylobacter</i> species from cat and sheep in China | Hairui Wang | ICDC, China CDC |
| 5572 | Isolation and Molecular Sub-typing of <i>Campylobacter jejuni</i> and <i>Campylobacter coli</i> in China | Maojun Zhang | ICDC, China CDC |
| Pathogenesis and Host Adaptation | | | |
| 5527 | The Mla phospholipid transport system alter the <i>Campylobacter jejuni</i> outer membrane properties | Agnieszka Sałamaszyńska-Guz | Warsaw University of Life Sciences |
| 5574 | A family case infection and genomic characterization of <i>Campylobacter jejuni</i> associated with perimyocarditis | Irene Ortega Sanz | University of Burgos, Spain |
| 4612 | Diverse sensory repertoire of paralogous chemoreceptors Tlp2, Tlp3 and Tlp4 in <i>Campylobacter jejuni</i> | Bassam Elgamoudi | Institute for Glycomics |
| Host Interaction and Immunology | | | |
| 5600 | Phase variable genes identification in a <i>Campylobacter jejuni</i> strain causing perimyocarditis | Jordi Rovira | University of Burgos |
| Clinical Treatment of <i>Helicobacter</i> Infections | | | |
| 4958 | High-dose dual therapy versus culture-based susceptibility-guided therapy as a rescue regimen for <i>Helicobacter pylori</i> infection: a randomized controlled trial | Zhe Zhao | Department of Gastroenterology, Daping Hospital, the Army Medical University |
| 5537 | Successful application of <i>Helicobacter pylori</i> personalized treatment via novel gastric string test and qPCR | Xinyuan Han | Shenzhen Luohu People's Hospital |
| Taxonomy and Unique Biology of <i>Campylobacterota</i> species | | | |
| 5540 | Genetic Characteristics of Lipooligosaccharide (LOS) and Capsular Polysaccharide (CPS) of <i>Campylobacter jejuni</i> from Different Sources in China | Xiaoli Chen | ICDC, China CDC |



Agenda

Day 2, Nov 15th, 2022

| Time | | | Contents | Chairman | Host | |
|---|-------------|-----------|-----------------------------|--|---|--|
| GMT+8 | GMT-5 | GMT+1 | | | | |
| 13:30-14:00 | 0:30-1:00 | 6:30-7:00 | Welcome and Opening Session | Prof. Jiao Xinan | Chinese Association of Animal Science and Veterinary Medicine (CAAV), Yangzhou University | |
| | | | | Prof. Shen Jianzhong | China Agricultural University | |
| | | | | Prof. Zhang Jianzhong | ICDC, China CDC | |
| 14:00-14:10 | 1:00-1:10 | 7:00-7:10 | Conference instruction | - | CHRO organizer | |
| Scientific Presentation | | | | | | |
| Number | Time | | | Contents | Speaker | Institute |
| | GMT+8 | GMT-5 | GMT+1 | | | |
| Invited Speaker | | | | | | |
| | 14:10-14:40 | 1:10-1:40 | 7:10-7:40 | Global differences in <i>Campylobacter</i> epidemiology and genetics | Ben Pascoe | University of Oxford |
| Antibiotics and Antimicrobial Resistance | | | | | | |
| 4639 | 14:40-14:55 | 1:40-1:55 | 7:40-7:55 | Geno- and phenotypic comparison of antimicrobial resistance in <i>Campylobacter</i> spp. isolates from Vietnam and Germany | Michael Zarske | German Federal Institute for Risk Assessment, Department Biological Safety, National Reference Laboratory for <i>Campylobacter</i> |
| 4611 | 14:55-15:05 | 1:55-2:05 | 7:55-8:05 | Quorum sensing and biofilm formation of <i>Campylobacter jejuni</i> are inhibited by decanoic and lauric acids | Shenmiao Li | McGill University |



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| 5555 | 15:05-15:15 | 2:05-2:15 | 8:05-8:15 | Prevalence, Whole genome sequence and antimicrobial resistance of <i>Campylobacter</i> spp. Isolates in pets in Shenzhen | Changyan Ju | Nanshan Center for Disease Control and Prevention, Shenzhen, China |
| | 15:15-15:25 | 2:15-2:25 | 8:15-8:25 | Coffee break | | |
| Epidemiology and Public Health | | | | | | |
| | 15:25-15:45 | 2:25-2:45 | 8:25-8:45 | Worldwide <i>Helicobacter pylori</i> Phage Study: Genome Analysis, Epidemiology, Clinical Data, until New Phage-based Medicine Candidate | Ricky Indra Alfaray | Department of Environmental and Preventive Medicine, Faculty of Medicine, Oita University |
| 5563 | 15:45-16:00 | 2:45-3:00 | 8:45-9:00 | Molecular Epidemiological Study on <i>Campylobacter</i> in the Fresh Chicken process in Chinese Commercial Kitchens | Honggang Lai | Yangzhou University |
| 5590 | 16:00-16:20 | 3:00-3:20 | 9:00-9:20 | Evidence on linking Bacterial Etiologies with stunted childhood growth and overgrowth of small intestinal bacterial taxa impacting vulnerable child gut health | Habib Bokhari | Kohsar University Murree |
| 5536 | 16:20-16:45 | 3:20-3:45 | 9:20-9:45 | Survival of different sequence types of <i>Campylobacter jejuni</i> and risks during handling in the kitchen | Ingrid Hansson | Swedish University of Agricultural Sciences |
| 5511 | 16:45-16:55 | 3:45-3:55 | 9:45-9:55 | Gull species as a source of <i>Campylobacter</i> in a densely populated urban area | Alicia Manzanares Pedrosa | Unitat mixta d'Investigació IRTA-UAB en Sanitat Animal. Centre de Recerca en |



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| | | | | | | Sanitat Animal (CReSA) |
| | 16:55- 17:25 | 3:55- 4:25 | 9:55- 10:25 | Discussion | | |
| Break | | | | | | |
| Invited Speaker | | | | | | |
| 5649 | 18:30- 18:50 | 5:30- 5:50 | 11:30- 11:50 | Epigenome microevolution associated with DNA methyltransferases' sequence-specificity alteration in <i>H.</i> <i>pylori</i> | Masaki Fukuyo | Chiba University |
| 5647 | 18:50- 19:18 | 5:50- 6:18 | 11:50- 12:18 | Pinpoint adaptive evolution emerging from >1000 genome comparison | Ichizo Kobayashi | University of Tokyo |
| Genomics, Proteomics, Glycomics and Other -Omics | | | | | | |
| 5553 | 19:18- 19:40 | 6:18- 6:40 | 12:18- 12:40 | Application of TraDIS to define the core essential genome of <i>C. jejuni</i> and <i>C. coli</i> | Emily Stoakes | University of Cambridge |
| 4962 | 19:40- 20:07 | 6:40- 7:07 | 12:40- 13:07 | The pangenomics of <i>Campylobacter</i> populations isolated during poultry processing at three New Zealand processing plants | Patrick Biggs | Massey University |
| | 20:07- 20:20 | 7:07- 7:20 | 13:07- 13:20 | Coffee Break | | |
| 5644 | 20:20- 20:44 | 7:20- 7:44 | 13:20- 13:44 | Complementary Ribo-seq approaches map the translato- me and provide a small protein census in <i>Campylobacter</i> <i>jejuni</i> | Sarah Svensson | University of W ürzburg |
| 4702 | 20:44- 21:08 | 7:44- 8:08 | 13:44- 14:08 | A Stochastic, mathematical model for analysing phase variation induced phenotypic switching | Jonathan Holmes | University of Leicester |
| 5542 | 21:08- 21:19 | 8:08- 8:19 | 14:08- 14:19 | Species Classification and Novel Plasmid | Guilan Zhou | ICDC, CDC China |



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|------|-----------------|-----------------|-----------------|--|----------------------|----------------------------|
| | | | | Identifications in <i>Arcobacter</i> <i>cryaerophilus</i> and <i>Arcobacter</i> <i>cryaerophilus</i> -like Organisms | | |
| 5554 | 21:19- 21:37 | 8:19- 8:37 | 14:19- 14:37 | Host ecology and recombination in the <i>Campylobacter</i> genus | Evangelos Mourkas | University of Oxford |
| 4967 | 21:37- 21:46 | 8:37- 8:46 | 14:37- 14:46 | Identification and analysis of iron uptake systems in a large database of <i>C.</i> <i>jejuni</i> and <i>C. coli</i> isolates | Molly Webster | University of Leicester |
| 5566 | 21:46- 21:53 | 8:46- 8:53 | 14:46- 14:53 | Genome Detectives: The Power of Engaging Citizen Scientists in the Curation of Nucleotide Sequencing Data | Frances Colles | University of Oxford |
| 5529 | 21:53- 22:01 | 21:53- 22:01 | 14:53- 15:01 | Investigating the role of FlhF involved in flagellar synthesis in <i>Campylobacter</i> <i>jejuni</i> | Xiaofei Li | Yangzhou University |
| | 22:01- 22:30 | 9:01- 9:30 | 15:01- 15:30 | Discussion | | |



Agenda

Day 3, Nov 16th, 2022

| Scientific Presentation | | | | | | |
|---|-----------------|---------------|---------------|--|--------------------------|---|
| Number | Time | | | Contents | Speaker | Institute |
| | GMT+8 | GMT-5 | GMT+1 | | | |
| Invited speaker | | | | | | |
| | 13:30- 13:59 | 0:30- 0:59 | 6:30- 6:59 | <i>Helicobacter pylori</i> multi- <i>cagA</i> genotype | Jeong-Heon Cha | Yonsei University |
| | 13:59- 14:37 | 0:59- 1:37 | 6:59- 7:37 | Contrasting the population structure of <i>Helicobacter</i> <i>pylori</i> and humans. | Daniel Falush | Shanghai Pasteur Institute |
| Risk Assessment and Control Strategies in The Industry | | | | | | |
| 4818 | 14:37- 14:56 | 1:37- 1:56 | 7:37- 7:56 | Control of <i>Campylobacter</i> concentrations during poultry processing at three New Zealand processing plants | Joanne Kingsbury | Institute of Environment al Science and Research |
| | 14:56- 15:10 | 1:56- 2:10 | 7:56- 8:10 | Coffee break | | |
| 5567 | 15:10- 15:29 | 2:10- 2:29 | 8:10- 8:29 | Detection of <i>Campylobacter</i> DNA in commercial chicks; implications for control on farms | Frances Colles | University of Oxford |
| 5535 | 15:29- 15:52 | 2:29- 2:52 | 8:29- 8:52 | Production of <i>Campylobacter jejuni</i> in biofilms and sensitivity of various disinfectant substances | Ingrid Hansson | Swedish University of Agricultural Sciences |
| 4836 | 15:52- 16:04 | 2:52- 3:04 | 8:52- 9:04 | Evaluation of different risk mitigation strategies for <i>Campylobacter</i> along the raw milk supply chain | Anna-Delia Herbstmann | German Federal Institute for Risk Assessment, Department Biological Safety |
| Molecular Sub-typing and Pathogen Surveillance | | | | | | |
| 4965 | 16:04- 16:14 | 3:04- 3:14 | 9:04- 9:14 | Two <i>Campylobacteriosis</i> outbreaks might be caused by | Ying Li | Beijing Center for Disease |



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| | | | | asymptomatic cook carrier | | Prevention and Control |
| 5595 | 16:14-16:22 | 3:14-3:22 | 9:14-9:22 | Whole genome-based surveillance of German clinical <i>Campylobacter jejuni</i> isolates identifies dominant clusters | Sangeeta Banerji | Robert Koch-Institute |
| | 16:25-16:55 | 3:25-3:55 | 9:25-9:55 | Discussion | | |
| Break | | | | | | |
| | 18:30-18:45 | 5:30-5:45 | 11:30-11:45 | Chairman Report: <i>Campylobacter</i> as a foodborne pathogen in poultry production | Xinan Jiao | Yangzhou University |
| Invited speaker | | | | | | |
| | 18:45-19:24 | 5:45-6:24 | 11:45-12:24 | Sink or swim, <i>Campylobacter</i> survival in the intestine | Christine Szymanski | University of Georgia |
| Methods of Detection, Identification and Characterization | | | | | | |
| 4606 | 19:24-19:43 | 6:24-6:43 | 12:24-12:43 | Rapid Identification of <i>Campylobacter jejuni</i> using Single-cell Raman Spectroscopy Combined with Conditional Generative Adversarial Network | Kaidi Wang | McGill University |
| 4842 | 19:43-20:04 | 6:43-7:04 | 12:43-13:04 | Determination of viable-but-non-culturable <i>Campylobacter jejuni</i> in chicken using quantitative PCR combined with propidium monoazide pretreatment | Jingbin Zhang | McGill University |
| | 20:04-20:10 | 7:04-7:10 | 13:04-13:10 | Coffee break | | |
| 5512 | 20:10-20:19 | 7:10-7:19 | 13:10-13:19 | Virulence and infectious assessment of a <i>Campylobacter jejuni</i> 63A isolated | Jingrang Lu | USEPA |



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| | | | | from California gull excreta | | |
| 5588 | 20:19-20:28 | 7:19-7:28 | 13:19-13:28 | <i>Campylobacter</i> in the database of knowledge gaps | Ingrid Hansson | Swedish University of Agricultural Sciences |
| 5562 | 20:28-20:37 | 7:28-7:37 | 13:28-13:37 | Phenotypic Characterization of Clinical <i>Campylobacter jejuni</i> Isolates | Irene Ortega Sanz | University of Burgos |
| 4954 | 20:37-20:52 | 7:37-7:52 | 13:37-13:52 | Platforms of Gastrointestinal-bacterial Ultrasensitive Native-sample Detection with Aptasensors in Modularization (GUNDAM): The Opening Chapter | Zhe Chi | Ocean University of China |
| | 20:55-21:25 | 7:55-8:25 | 13:55-14:25 | Discussion | | |



Agenda

Day 4, Nov 17th, 2022

| Scientific Presentation | | | | | | |
|---|-------------|-----------|-----------|--|-----------------------|--|
| Number | Time | | | Contents | Speaker | Institute |
| | GMT+8 | GMT-5 | GMT+1 | | | |
| Invited Speaker | | | | | | |
| | 13:30-13:58 | 0:30-0:58 | 6:30-6:58 | <i>Campylobacter</i> -host interaction CDT | Zhen He | Sun Yat-sen University |
| 5651 | 13:58-14:39 | 0:58-1:39 | 6:58-7:39 | <i>Campylobacter</i> pathogenesis and the chicken microbiome | Ozan Gundogdu | London School of Hygiene and Tropical Medicine |
| Pathogenesis and Host Adaptation | | | | | | |
| | 14:39-14:53 | 1:39-1:53 | 7:39-7:53 | Identification of Flagella and Outer Membrane Protein Genes associated with Biofilm Formation | Kartika Afrida Fauzia | Department of Environmental and Preventive Medicine, Oita University Faculty of Medicine |
| | 14:55-15:05 | 1:55-2:05 | 7:55-8:05 | Coffee break | | |
| 5530 | 15:05-15:28 | 2:05-2:28 | 8:05-8:28 | Contributions of phase variation to chickens colonisation, gastrointestinal spread and liver invasion in chickens by <i>Campylobacter jejuni</i> | Chris Bayliss | University of Leicester |
| 4608 | 15:28-15:39 | 2:28-2:39 | 8:28-8:39 | The <i>Campylobacter jejuni</i> Type VI secretion system displays roles in intrabacterial antagonism and human host-cell interaction. | Zahra Omole | London School of Hygiene and Tropical Medicine |



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| 5539 | 15:39-15:52 | 2:39-2:52 | 8:39-8:52 | Genetic and Phenotypic Variation of <i>Campylobacter jejuni</i> NCTC11168 during Laboratory Passage | Xiaoli Chen | ICDC, CDC China |
| Physiology and Regulation | | | | | | |
| 5580 | 15:52-15:59 | 2:52-2:59 | 8:52-8:59 | <i>Campylobacter jejuni</i> energy taxis to L-fucose | Bibi Zhou | University of Georgia |
| Host Interaction and Immunology | | | | | | |
| 4882 | 15:59-16:21 | 2:59-3:21 | 8:59-9:21 | The glycoconjugate vaccine against <i>Campylobacter jejuni</i> | Harald Nothaft | University of Alberta |
| 4837 | 16:21-16:30 | 3:21-3:30 | 9:21-9:30 | <i>Campylobacter jejuni</i> induces the unfolded protein response in human intestinal epithelial cells | Geunhye Hong | Department of Infection Biology, London School of Hygiene and Tropical Medicine |
| | 16:30-17:00 | 3:30-4:00 | 9:30-10:00 | Discussion | | |
| Break | | | | | | |
| | 18:30-19:05 | 5:30-6:05 | 11:30-12:05 | Chairman report: 40 years of <i>Helicobacter pylori</i> research-China contributions and progresses | Yuanhai You, Jianzhong Zhang | ICDC, CDC China |
| Invited speaker | | | | | | |
| | 19:05-19:33 | 6:05-6:33 | 12:05-12:33 | Interpretation for <i>Helicobacter pylori</i> ¹³ C-Urea breath test with infrared spectroscopy | Weihong Wang | Peking University First Hospital |
| 5650 | 19:33-20:01 | 6:33-7:01 | 12:33-13:01 | Host and Bug Changes During <i>H. pylori</i> -driven Gastric Metaplasia and Dysplasia | Nina Salama | Fred Hutchinson Cancer Research Center |
| | 20:05-20:15 | 7:05-7:15 | 13:05-13:15 | Coffee break | | |



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| 5646 | 20:15- 20:48 | 7:15- 7:48 | 13:15- 13:48 | Isolation and characterization of non- <i>Helicobacter</i> <i>pylori Helicobacter</i> species infecting human stomach | Emiko Rimbara | National Institute of Infectious Diseases, Tokyo |
| Clinical Treatment of <i>Helicobacter</i> Infections | | | | | | |
| 4828 | 20:48- 20:55 | 7:48- 7:55 | 13:48- 13:55 | <i>Helicobacter</i> <i>pylori</i> : Does asymptomatic infection mean no gastroscopic lesions? | Ting Cai | The Third Xiangya Hospital of Central South University |
| | 20:55- 21:06 | 7:55- 8:06 | 13:55- 14:06 | Comprehensive Study of <i>Helicobacter pylori</i> Genomic Islands and Their Correlation to Gastric Diseases, Phylogenetic Pattern | Batsaikhan Saruuljavkhla n | Oita University |
| | 21:10- 21:40 | 8:10- 8:40 | 14:10- 14:40 | Discussion | | |



Agenda

Day 5, Nov 18th, 2022

| Scientific Presentation | | | | | | |
|--|-------------|-----------|-----------|---|----------------|--|
| Number | Time | | | Contents | Speaker | Institute |
| | GMT+8 | GMT-5 | GMT+1 | | | |
| | 13:30-13:55 | 0:30-0:55 | 6:30-6:55 | Chairman Report: Species shift from <i>C. jejuni</i> to <i>C. coli</i> | Jianzhong Shen | China Agricultural University |
| Invited speaker | | | | | | |
| 5648 | 13:55-14:10 | 0:55-1:10 | 6:55-7:10 | Genome-wide association study of gastric cancer- and duodenal ulcer-derived <i>Helicobacter pylori</i> strains reveals discriminatory genetic variations and novel oncoprotein candidates | Koji Yahara | National Institute of Infectious Diseases, Tokyo |
| 5654 | 14:10-14:43 | 1:10-1:43 | 7:10-7:43 | The prophages of <i>Helicobacter pylori</i> | Filipa Vale | Faculty of Pharmacy, Universidade de Lisboa |
| Taxonomy and unique biology of <i>Campylobacterota</i> species | | | | | | |
| 4955 | 14:43-14:51 | 1:43-1:51 | 7:43-7:51 | <i>Campylobacter oralis</i> sp. nov., a redefined novel <i>Campylobacter</i> species containing IBD-associated plasmids and csep1 gene | Li Zhang | University of New South Wales |
| | 14:55-15:05 | 1:55-2:05 | 7:55-8:05 | Coffee break | | |
| Evolution and ecology: new phylum <i>Campylobacterota</i> | | | | | | |
| 5573 | 15:05-15:26 | 2:05-2:26 | 8:05-8:26 | Prevalence and Genetic Characteristics of <i>Arcobacter</i> spp. in China | Maojun Zhang | ICDC, China CDC |
| 5509 | 15:26-15:50 | 2:26-2:50 | 8:26-8:50 | The Evolutionary Path of Chemosensory and Flagellar Macromolecular Machines in <i>Campylobacterota</i> | Beile Gao | South China Sea Institute of Oceanology, Chinese Academy of Sciences |
| 4798 | 15:50-16:13 | 2:50-3:13 | 8:50-9:13 | Evolutionary Principles of Bacterial Signaling Capacity and Complexity | Ran Mo | South China Sea Institute of Oceanology, Chinese |



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| | | | | | | Academy of Sciences |
| Interaction with microbiota and phage | | | | | | |
| 4643 | 16:13-16:38 | 3:13-3:38 | 9:13-9:38 | Deciphering the association of cecal microbiota with <i>Campylobacter</i> colonization status in broiler chickens | Jinji Pang | Iowa State University |
| 5645 | 16:38-16:55 | 3:38-3:55 | 9:38-9:55 | <i>Campylobacter</i> and phage control method in poultry production | Yuanyue Tang | Yangzhou University |
| | 17:00-17:30 | 4:00-4:30 | 10:00-10:30 | Discussion | | |
| Break | | | | | | |
| Invited speaker | | | | | | |
| | 18:30-18:56 | 5:30-5:56 | 11:30-11:56 | <i>Helicobacter pylori</i> uses L-lactate to promote complement resistance and achieve successful gastric colonization | Karen Ottemann | UC Santa Cruz |
| | 18:56-19:36 | 5:56-6:36 | 11:56-12:36 | Checks and balances: direct interaction of small RNAs CjNC140 and CjNC110 optimizes expression of key pathogenic phenotypes of <i>Campylobacter jejuni</i> | Amanda Kreuder | Iowa State University |
| 5652 | 19:36-20:12 | 6:36-7:12 | 12:36-13:12 | New Insights into Mechanisms that Promote <i>H. pylori</i> -Induced Gastric Cancer | Richard M Peek | Vanderbilt University |
| | 20:12-20:43 | 7:12-7:43 | 13:12-13:43 | With <i>H. pylori</i> in the stomach and around the world | Kaisa Thorell | University of Gothenburg |
| | 20:43-20:59 | 7:43-7:59 | 13:43-13:59 | <i>Helicobacter pylori</i> Immunoproteomics Profiles in Gastric Cancer and Intestinal Metaplasia | Constanza Camargo | NIH/NCI |
| 5601 | 20:59-21:20 | 7:59-8:20 | 13:59-14:20 | The prophages of the genus <i>Helicobacter</i> | Filipa Vale | Faculty of Pharmacy, Universidade de Lisboa |
| 5655 | 21:20-21:36 | 8:20-8:36 | 14:20-14:36 | Acetylome analysis reveals diverse functions of lysine acetylation in | Desirazu N Rao | Department of Biochemistry |



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Helicobacter and Related Organisms

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Yangzhou, China

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|--|-----------------|---------------|-----------------|--|--|-----------------------------------|
| | | | | human pathogen <i>Helicobacter pylori</i> | | Indian Institute of Science |
| | 21:40- 22:10 | 8:40- 9:10 | 14:40- 15:10 | Discussion | | |
| | 22:10- 22:15 | 9:10- 9:15 | 15:10- 15:15 | Closing remark | | |
| | 22:15- 22:20 | 9:15- 9:20 | 15:15- 15:20 | Next CHRO | | |