ICEID 2018 Schedule-at-a-Glance

Sunday, August 26, 2018	Monday, August 27, 2018
	Registration: 7:30 AM – 4:30 PM
	Poster set-up: 7:00 AM – 8:00 AM
	Concurrent Plenary Sessions: 8:00 AM – 9:00 AM
	A1. Healthcare-Associated Infections in Europe and the United States
	A2. Zika: Human Neurological Outcomes
	A3. Challenges for Disease Elimination and Eradication
	A4. Lessons Learned from the West Africa Ebola Outbreak
	Concurrent Plenary Sessions: 9:10 AM – 10:10 AM
	B1. Genomic Epidemiology
	B2. Infectious Diseases in Humanitarian/ Disaster Settings
	B3. Vaccines for Dengue, A Major Aedes-Transmitted Arbovirus
	B4. IHR and Global Health Security
	Break: 10:10 AM – 10:30 AM
	Concurrent Panel Sessions: 10:30 AM – 12:00 PM
	C1. Emerging Vector-Borne Diseases and New Control Strategies
	C2. Bioinformatics and Big Data in Public Health
	C3. Respiratory Diseases: Focus on Legionella, MERS, and Plague
	C4. Emerging Issues in Sexually Transmitted Diseases
	Lunch (on your own): 12:00 PM – 12:30 PM
	Lunchtime Panel Session: 12:15-1:30 PM*
	Emerging and Re-Emerging Infectious Diseases in the
	WHO Eastern Mediterranean Region Poster Sessions with Authors: 12:30 PM – 1:45 PM
	Concurrent Panel Sessions: 1:45 PM – 3:15 PM
	D1. New Data Systems and Platforms for Disease Surveillance
	D2. Bugs from Drugs: Emerging Infections in People Who Use Opioids
	D3. Emerging Fungal Infections in Healthcare Settings
	D4. Environmental/Ecological Factors and Emerging Infectious Diseases: A Multi-Continental Approach
	Break: 3:15 PM – 3:30 PM
	Oral Presentation Abstracts: 3:30 PM – 5:00 PM
	E1. Novel Surveillance Strategies
	E2. Emerging Threats in Healthcare
	E3. Vector-Borne Diseases
	E4. Frontline Public Health
Opening Keynote Session 5:30–7:30 PM	
Opening Reception	*Limited sandwiches & salads available for purchase outside meeting room
7:30–9:30 PM	

Tuesday, August 28, 2018	Wednesday, August 29, 2018	
Registration: 7:30 AM – 4:30 PM	Registration: 8:00 AM – 2:00 PM	
Poster set-up: 7:00 AM – 8:00 AM	Poster set-up: 7:00 AM – 8:00 AM	
Concurrent Plenary Sessions: 8:00 AM – 9:00 AM	Concurrent Plenary Sessions: 8:00 AM – 9:00 AM	
F1. The Microbiome and Human Health	K1. Forecasting Emerging Infections	
F2. Public Health Preparedness and Outbreak Response	K2. 100 Years After the 1918 Influenza Pandemic	
F3. Reemergence of Vaccine-Preventable Diseases: Focus on Diphtheria	K3. Addressing Neglected Tropical Diseases: Focus on Guinea Worm	
F4. Cholera: The Beginning of the End?	K4. Globalization of People and Disease	
Concurrent Plenary Sessions: 9:10 AM – 10:10 AM	Concurrent Plenary Sessions: 9:10 AM – 10:10 AM	
G1. National Control of Carbapenem-Resistant Enterobacteriaceae	L1. Infectious Causes of Child Mortality	
G2. Advanced Molecular Detection of Infectious Diseases	L2. Novel Surveillance Strategies	
G3. Africa CDC	L3. Emerging Tickborne Diseases	
G4. One Health	L4. Foodborne Disease Surveillance and Culture-Independent Diagnostic Tests	
Break: 10:10 AM – 10:30 AM	Break: 10:10 AM – 10:30 AM	
Concurrent Panel Sessions: 10:30 AM – 12:00 PM	Concurrent Panel Sessions: 10:30 AM – 12:00 PM	
H1. Emerging Scientific Issues for Global Immunization Programs	M1. Emerging Paths to Publishing Your Work: The Good, the Fast, and the Ugly	
H2. Viral Hemorrhagic Fevers	M2. Rodent-Borne Zoonoses	
H3. More Answers, More Questions: Whole-Genome Sequencing	M3. Mathematical Modeling to Better Understand the	
in Foodborne Disease Epidemiology	Emergence and Transmission of Multidrug-Resistant Organisms	
H4. Emerging Infections Associated with Life-Saving Medical Devices	M4. Make History: End TB	
Lunch (on your own): 12:00 PM – 12:30 PM	Lunch (on your own): 12:00 PM – 12:30 PM	
Lunchtime Panel Session: 12:15-1:30 PM*	Lunchtime Panel Session: 12:15-1:30 PM*	
Building a GHS Implementation Evidence Base:	Measuring Progress and Impact of Global Health Security	
Demonstrating Impact of GHS/IHR Investments	Capacity-Building Implementation in Partner Countries	
Poster Sessions with Authors: 12:30 PM – 1:45 PM	Poster Sessions with Authors: 12:30 PM – 1:45 PM	
Concurrent Panel Sessions: 1:45 PM – 3:15 PM	Concurrent Panel Sessions: 1:45 PM – 3:15 PM	
11. Rising Above the Noise to Communicate Sound Science and Public Health Advice	N1. Prevention and Control of Viral Hepatitis	
12. Detecting and Preventing Novel Transplant-Associated Infections	N2. Microbiome: Pathology, Ecology, Epidemiology	
13. Genomic Epidemiology: From the Lab to the Street	N3. Epidemic Prediction Initiative: Moving from Research to Decisions	
14. Monitoring for the Next Pandemic Threat: Emerging Influenza Viruses (H7N9)	N4. Pathogen Discovery and Investigation of New Syndromes	
Coffee Break: 3:15 PM – 3:30 PM	Coffee Break: 3:15 PM – 3:30 PM	
Oral Presentation Abstracts: 3:30 PM – 5:00 PM	Oral Presentation Abstracts: 3:30 PM – 5:00 PM	
J1. Molecular Epidemiology	O1. Detection and Diagnosis	
J2. Preparedness and Response	O2. Seasonal Influenza and RSV	
J3. Viral Zoonoses	O3. Evolving Challenges	
J4. Late Breakers I	O4. Late Breakers II	
*Limited sandwiches & salads available for purchase outside meeting room		

Foodborne Infections

Board 38. The Trend of Foodborne Disease Outbreaks in Taiwan (1991–2016)

L. Lin, Y. Huang, W. Cheng, H. Lin

Food and Drug Administration, Ministry of Welfare and Health, Executive Yuan, Taipei, Taiwan

Background: For food safety management, foodborne disease outbreaks (FBDO) are an important issue. Conducting outbreak surveillance can provide information so that the government can identify the key problems and give administrative guidance to control and prevent them. Methods: FBDO investigations were initiated by local health departments. Suspicious residual food, stool, vomit, or environmental samples were collected and analyzed by the Taiwan Food and Drug Administration (TFDA) and Centers for Disease Control (TCDC) of the Ministry of Welfare and Health. Results: Among the results of 26 years (1991–2016) of investigation on FBDOs, 7,244 FBDOs (113,752 cases) were etiology reported. The most common bacterial agent parahaemolyticus (20.5%), followed by Staphylococcus aureus (6.6%), and Bacillus cereus (4.9%). The average annual number during 2001–2016 was substantially greater than that during 1991–2000 (363 and 143 outbreaks reported, respectively), while the average cases per outbreak in 2001-2016 was much lower than that in 1991–2000 (12.9 cases and 28.5 cases per outbreak, respectively). Small-scale FBDOs increased during 2001–2016 compared to that during 1991-2000. During 2001-2016, FBDOs resulting from B. cereus and Salmonella spp. exhibited an increasing trend, whereas that from parahaemolyticus showed a decreasing trend. Conclusions: Policies were made to reduce possible FBDOs. Food business operators shall implement the sanitary management by carrying out GHP. Moreover, the schools and certain meal box providers shall perform HACCP to eliminate the possible hazards by controlling the critical points. No Clostridium botulism cases resulting from packaged foods were reported since the registration of vacuum-packed ready-to-eat soybean food was enforced in 2010. No cases from imported shellfish were detected in 2016 after policy intervention in the border. Natural toxins of wild plants and unsafe seafood such as pufferfish caused FBODs had been effectively reduced with risk communication with the public by booklets, posters, flyers, and press conferences.

Board 39. Multi-City Viral Diarrheal Disease Outbreaks Associated with Raw Shellfish Consumption in Taiwan in 2012 and 2015

L. Lin, Y. Huang, W. Cheng, H. Lin

Food and Drug Administration, Ministry of Welfare and Health, Executive Yuan, Taipei, Taiwan

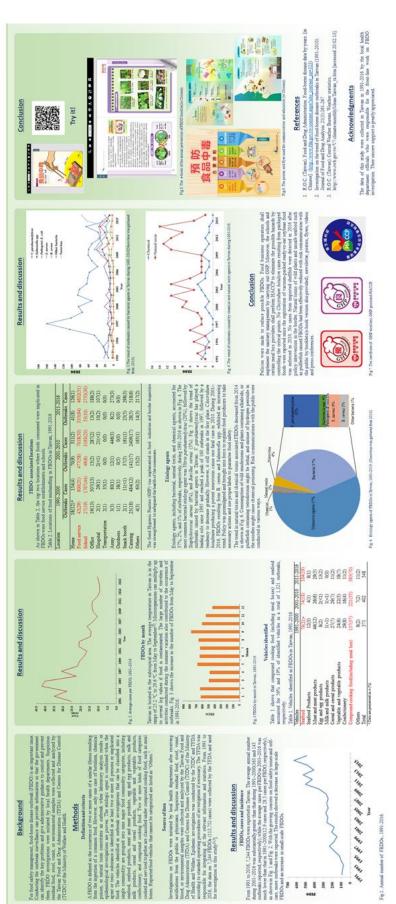
Background: Sapovirus and norovirus cause disease in human and can be found in shellfish from contaminated water. The infection in humans can cause diarrhea, throwing up, nausea, and stomach pain. In May-June 2012 and 2015, excess number of viral gastroenteritis cases in multiple cities were reported to competent authority. The samples were examined and investigations were conducted to find the potential risk factors. Methods: Suspicious residual food, stool, vomit, or environmental samples were collected and analyzed. Meanwhile, product management distribution system, medical records, and laboratory records were reviewed. Person-to-person interviews with a structured questionnaire were implemented and case-control study was performed to identify possible risk factors in the 2012 outbreak. Food supply chains, including marine harvest area that were related to the cases, were surveyed to examine the existence of the pathogen in both outbreaks. Results: In 2012, there were 77 reported cases from Mayto June in Taipei and Taichung. Consuming raw shellfish imported from certain harvest area was significantly associated with sapovirus infection (OR = 20.5). In 2015, 136 cases were reported from May to June in Taitung, and norovirus GI and GII were detected in the imported shellfish from a certain country. No cases were reported in 2012 and 2015 after the policy intervention such as batch-by-batch inspection in the border. Conclusions: Consuming raw products, especially shellfish from contaminated water, could attribute risk to gastroenteritis outbreak. Health education should be emphasized and awareness of disease severity should be raised to the public continuously. Meanwhile, collaboration between the border inspection sector and the food safety sector is needed. The policy that shellfish imported for human consumption shall be accompanied with a health certificate, including the information of the harvest area, and issued by the competent authority of exporting country came into effect on January 1, 2018, in Taiwan to safeguard the health of the consumers.

三、本署論文海報內容(實際尺寸4呎X8呎)



The Trend of Food-Borne Disease Outbreaks in Taiwan (1991–2016)

L.C. Lin¹, Y.C. Huang¹, W.C. Cheng¹, H.Y. Lin¹; ¹Food and Drug Administration, Ministry of Welfare and Health, Executive Yuan, Taiwan





Multi-city Viral Diarrhea Disease Outbreaks Associated with Consuming Raw Shellfish in Taiwan



L.C. Lin¹, Y.C. Huang¹, W.C. Cheng¹, H.Y. Lin¹; ¹Food and Drug Administration, Ministry of Welfare and Health, Executive Yuan, Taipei, Taiwan in 2012 and 2015

Supovirus and Netovirus cause disease in human and can be found in shellfulls from communated varies. The infection is deserted in human with surportion of destructual formation in the community of the communit

Of the 42 persons who met the case definition, 42 (38%) had dustries, 38 (31%) had voming and 20 (48%) had fever. The mean incubation time was 37.9 boxes¹⁰¹ (as shown in Fig. 1).

Results and discussion I. Epidemic investigation in 2012

Japlenik inventigation in 2012. Also, Jones 2012. To patient were also apposing after string raw oyier Aday a class in the fact that matter restaures in Tarme. Person-de-person universers with seast dependent with restaurest in Tarme. Person-de-person universers with seast defendent with the conducted string the conducted string the conducted string to universities in obserting possibilities that the conducted string the conducted string to string possibilities and when the new week after during in usy 5 teach of stratach developed in Taples and New Taples Copy. Methods

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ion in 2015

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year simples (miported from certain country) were tested for Noesviera, while adoubt does do safe of testing the service of Schoolship and Service of Serv

Results and discussion

Meanwhile, informative gathered from international dart in May indicated that the publishing from carrier favors and colours country might be continuoused by stool and vagarilland colour favors carrier and colour control and vagarilland colour favors. According to the symptoms, incoheron time, statistical analysis and laboratory results, we concluded the closer was related to supervise and setting two system was amounted with limits.

During the investigation, the chain restaurant was ordered to suspend operations, sales and seal such products according to the Act Governing Food Safety and Sani And no cases reported since June 8 in 2012.

II. Epidemic investigation in 2015

After in-depth interviews with 18 patients by phones, a common source for those groups who traveled in June was suspected because of a single epidemic peak observe?, as shown in Fig.2.

oyster (odds ratios: 20.5, 95%

illness was associated with consumm interval: 5.6-74.4), as shown in Table 1

Attendees getting ill Attendees not petting. Relative

Fig.1. Epidemic curve of the durrhetic outbreak in Taipei (s=48).



Nerovinus was detected in the samples both from 11 patients' stool^[7] and 2 oysters provided by certain restaurant. Table 3. Results of the food and



Results and discussion

Policy intervention

refing to epidemiological investigation, the convisions between FBDO and oyster principal size. The investigation concluded that they own communities by morevine the reloogical layer that should be destroyed according to the Act Governing Food the reloogical layer that should be destroyed according to the Act Governing Food and Sea destroyed. The restriction is to be the view as about to trop the supply of raw relocal is Ach. 2013 and so further midrored cases.

Policy interventions

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Future work



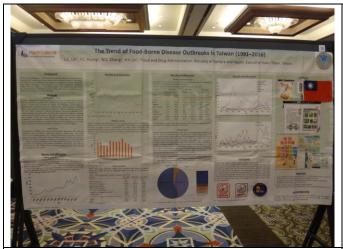
References

- Investigation and Administrative Disciplinary Action on the Food-borne Out Disease Caused by Oyster Provided by Chain Restaurant in 2012[in Chinese Rept. Food Drug Res. 4 : 420-425
- O. S. FOOD and Drug Administration (US FDA). 2011. Important information foliation regularizes regularize and food service operators regularize the socialization foliation. The food keeps and the service additional substitution from Keeps. The properties of the socialization was fagor for Social Food for the service Constitutional Cytholers Notal Social Control Co

Acknowledgments

collected from TFDA and TCDC. Their sincere support The data of this study greatly appreciated.

四、照片(含本署海報展示實際展示與美國官員專家合照)



Multi-city Viral Diarrhea Disease Outbreaks Associated with Consuming Raw Shellfish in Talwan

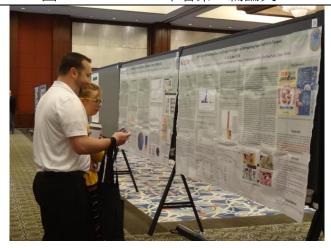
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圖一、Board 38,本署第一篇論文。

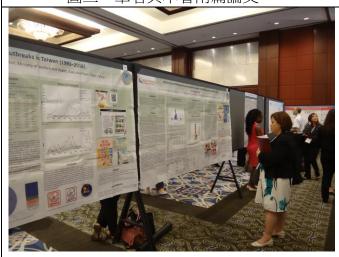
圖二、Board 39,本署第二篇論文。



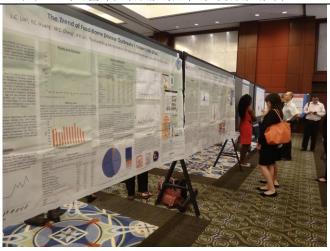
圖三、筆者與本署兩篇論文。



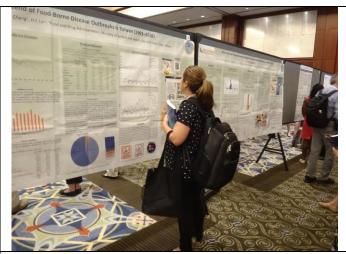
圖四、與會者討論及拍下本署論文內容。



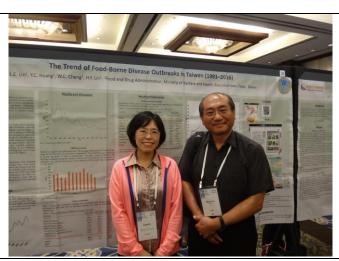
圖五、與會者閱讀本署海報論文內容。



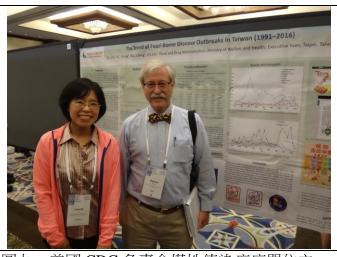
圖六、與會者閱讀本署海報論文內容。



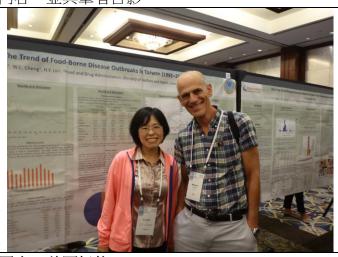
圖七、與會者閱讀本署海報論文內容。



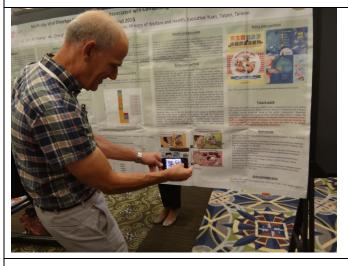
圖八、美國 CDC 謝文儒博士閱讀及討論本署論文 內容,並與筆者合影。



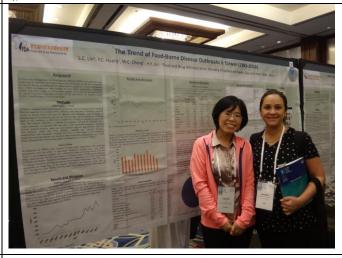
圖九、美國 CDC 負責食媒性傳染疾病單位之 director , Dr. Robert V. Tauxe 閱讀及討論本署論 文內容,並與筆者合影。



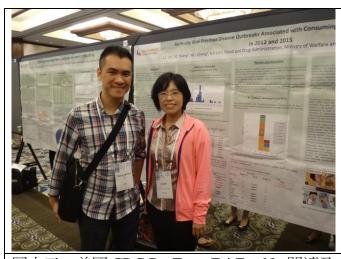
圖十、美國紐約 Wadsworth Center / NYSDOH, Division of Infectious Diseases 的 Dr. William Wolfgang 閱讀及討論本署論文內容,並與筆者合 影。



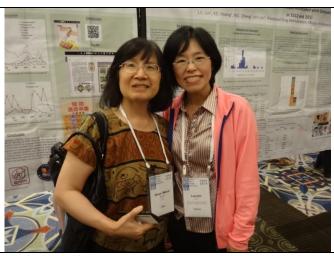
圖十一、Dr. William Wolfgang 讚揚本署之宣導內容。



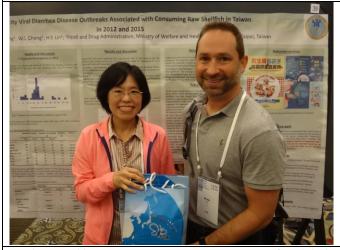
圖十二、美國 CDC Dr. Jeniffer Concepción-Acevedo 閱讀及討論本署論文內容,並與筆者合影。



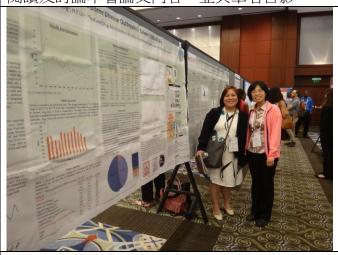
圖十三、美國 CDC Dr. Terry Fei Fan Ng 閱讀及 討論本署論文內容,並與筆者合影。



圖十四、美國 CDC Dr. Shur-Wern Wang Chern 閱讀及討論本署論文內容,並與筆者合影。



圖十五、美國 CDC Dr. Aron J. Hall 閱讀及討論本署論文內容,並建議我國未來調查可精進方向。筆者致贈紀念品並與其合影。



圖十六、菲律賓學者閱讀及討論本署論文內 容,並與筆者合影。



圖十七、與中國 CDC 靳博士(右)及賓州大學教授(左)討論諾羅病毒在中國流行趨勢。



圖十八、筆者與美國 FDA Dr. Heather Tate 討論 CIDT,並合影留念。



圖十九、會場展示各種致病微生物模型,相當 有趣。



圖二十、筆者於正式會議前拜訪美國 CDC 亞特蘭大總部。



圖二十一、參觀 David J. Sencer CDC museum, 簡介傳染性疾病對人類影響及如何預防。



圖二十二、CDC 以時序及流程方式說明食媒性傳染疾病調查步驟及方式,淺顯易懂。