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檔 號：  
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## 行政院農業委員會畜產試驗所 函

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附件：研討會議程

主旨：行政院農業委員會畜產試驗所與亞洲太平洋地區糧食與肥料技術中心(FFTC)訂於本(110)年11月11日至12日中午以視訊方式辦理「亞洲畜牧業的無抗生素管理-動物疫苗與促進健康的飼料添加物創新與應用國際研討會」(Innovation and Application of Animal Vaccines and Health-Promotion Feed Additives for Antibiotic-Free Era in Livestock Industry)，請惠予公告，請查照。

說明：

- 一、旨揭研討會係由畜產試驗所與FFTC合作辦理，目的係與FFTC各會員國分享動物用疫苗及保健飼料添加物於畜禽生產之應用，以達到減少抗生素使用，促進畜禽產業安全衛生生產之目標。
- 二、本次研討會將於本年11月11日8時30分至17時及12日9時30分至11時以視訊方式辦理，全程以英文進行。研討會備有中文翻譯，請至FFTC中文臉書網頁 (<https://www.facebook.com/fftc.org.tw>) 收看。國內外講師與學員全程皆以視訊參與。
- 三、檢附研討會議程如附件，請貴單位惠予公告，並鼓勵會員與研究人員踴躍報名獲取新知。線上報名作業 (網址：<https://sites.google.com/fftc.org.tw/2021-fftc-tlri-symposium/hom>

e)。

正本：行政院農業委員會、行政院農業委員會畜牧處、行政院農業委員會動植物防疫檢疫局、行政院農業委員會家畜衛生試驗所、金門縣畜產試驗所、財團法人中央畜產會、財團法人農業科技研究院、台灣經濟研究院、國立臺灣大學動物科學技術學系、國立中興大學動物科學系、國立屏東科技大學動物科學與畜產系、國立嘉義大學動物科學系、國立宜蘭大學動物科技學系、東海大學畜產與生物科技學系、中國文化大學動物科學系、台灣區雜糧發展基金會、中華民國飼料及動物用藥商業同業公會全國聯合會、台灣區飼料工業同業公會、中華民國養雞協會、中華民國養鵝協會、中華民國養鴨協會、台灣區人工飼養駝鳥協會、中華民國養火雞協會、中華民國鵪鶉協會、中華民國水禽產業促進協會、台灣畜牧協會、中華民國乳業協會、中華民國酪農協會、中華民國養羊協會、中華民國養鹿協會、台灣肉牛產業發展協會、中華民國養豬協會、台灣區種豬產業協會、台灣省毛豬產銷班聯誼會、台灣糖業股份有限公司、各縣市農會、各縣市防疫機關

副本：本所所長室、副所長室、主任秘書室、本所各業務單位暨所屬各機關(均含附件)

所長黃振芳



# FFTC-TLRI Symposium on Innovation and Application of Animal Vaccines and Health- Promotion Feed Additives for Antibiotic-Free Era in Livestock Industry

November 11-12, 2021

Cisco Webex Meeting Room /

FFTC Facebook Broadcast

## Program

Time (GMT+8)	Topic
<b>11 November (Thursday) 2021</b>	
08:30-09:00	<b>Registration</b> Emcee: Mr. Ronald Mangubat, FFTC
09:00-09:30	<b>Open Remarks</b> Dr. Jeng-Fang Huang, Director General, TLRI, Taiwan Dr. Su-San Chang, Director, FFTC Dr. Chin-Cheng Huang, Deputy Minister, Council of Agriculture, Taiwan Dr. Ravi Khetarpal, Executive Secretary, APAARI
09:30-10:50	<b>Keynote (20 mins + 5 mins Q &amp; A per speaker)</b> Moderator: Dr. Jeng-Fang Huang, TLRI, Taiwan
09:30-09:55	<b>Current Situation and Future Prospects of Antibiotic-Resistant Bacteria Derived from Animals</b> Dr. Masaru Usui, Associate Professor, Department of Veterinary Medicine, Rakuno Gakuen University, Japan
09:55-10:20	<b>Antibiotic Alternative Strategies to Reduce Economic Losses Due to Enteric Infections in Poultry</b> Dr. Hyun Lillehoj, Research Molecular Biologist, U.S. Department of Agriculture, U.S.A.
10:20-10:50	<b>Introduction of the Key Feed Additive Explored in the Health Promotion Project Taiwan (2018-2021)</b> Dr. Churng-Faung Lee, Deputy Director, Taiwan Livestock Research Institute, COA, Taiwan
	<b>Application of Reverse Vaccinology in Animal Vaccine Development</b> Dr. Jiunn-Horng Lin, Vice President, Agricultural Technology Research Institute, Taiwan  (12.5 mins per speaker; 5 mins Q & A)
10:50-11:00	<i>Break (10 mins)</i>
11:00-12:00	<b>Session 1 – Animal Vaccines</b> Session 1-1 Moderator: Dr. Jiunn-Horng Lin, ATRI, Taiwan
11:00-11:15	<b>Eye-Drop Vaccination - A Better Way to Induce Good Immune Response</b> Dr. Happy K. Shieh, Emeritus Professor, College of Veterinary Medicine, National Chung Hsing University, Taiwan
11:15-11:30	<b>Biosecurity Strategies to Enhance Vaccine Efficiency in Swine Farms</b>

	Dr. Shu-Hwae Lee, Adjunct Assistant Professor, School of Veterinary Medicine, National Taiwan University, Taiwan
11:30-11:45	<b>An Oral Vaccine for Mycoplasmal Pneumonia of Swine: Use of <i>Erysipelothrix rhusiopathiae</i> as a Mucosal Delivery Vector</b> Dr. Yoshihiro Shimoji, Manager, Division of Infectious Animal Disease Research, National Agriculture and Food Research Organization, Japan
11:45-12:00	Q & A (15 mins)
12:00-13:00	<b>Lunch (60 mins)</b>
13:00-14:00	<b>Session 1 – Animal Vaccines</b> <b>Session 1-2 Moderator:</b> Dr. Zeng-Weng Chen, ATRI, Taiwan
13:00-13:15	<b>Efficacy of Plantaricin as an Alternative Antimicrobial Peptide to Major Pathogen of GI Tract Infection in Production Animals</b> Dr. Huda S. Darusman, Head, Primate Animal Study Center, IPB University, Indonesia
13:15-13:30	<b>Disease Diagnosis, Molecular Characterization of Livestock and Poultry Pathogens and Vaccine Development in the Philippines</b> Dr. Dennis V. Umali, Associate Professor, College of Veterinary Medicine, University of the Philippines, Philippines
13:30-13:45	<b>New Generation Recombinant Vaccine Development: from Idea to the Product (Using Newcastle Virus Vaccine of Genotype VII as the Model)</b> Dr. Ai-Ping Hsu, Associate Researcher, Animal Health Research Institute, COA, Taiwan
13:45-14:00	Q & A (15 mins)
14:00-14:10	<b>Break (10 mins)</b>
14:10-15:10	<b>Session 2 – Feed Additives</b> <b>Session 2-1 Moderator:</b> Dr. Yih-Fuw Lin, TLRI, Taiwan
14:10-14:25	<b>R&amp;D of Phytochemicals for Food Animals</b> Dr. Wen-Chin Yang, Research Fellow, Agricultural Biotechnology Research Center, Academia Sinica, Taiwan
14:25-14:40	<b>The Application of Omics in the Development of Feed Additives</b> Dr. Yu-Chun Lin, Associate Researcher, Animal Nutrition Division, Taiwan Livestock Research Institute, COA, Taiwan
14:40-14:55	<b>The Potentials as Animal Feeds of the Residues of Cassava Pulp After Fermentation by Non-Conventional Yeasts</b> Dr. Yoshinori Murata, Senior Researcher, Biological Resource and Post-Harvest Technology Division, Japan International Research Center for Agricultural Sciences, Japan
14:55-15:10	Q&A (15 mins)
15:10-16:10	<b>Session 2 – Feed Additives</b> <b>Session 2-2 Moderator:</b> Dr. Kuei-Son Sheu, ICLPST, Taiwan
15:10-15:25	<b>Alternatives of AGP (Antibiotic Growth Promoters) in Feed</b> Dr. Gary Chiang, Technical Manager, J. John Co., Taiwan

15:25-15:40	<b>Introduction to Feed Control Act in Taiwan</b> Dr. Pei-Mei Chen, Technical Specialist, Council of Agriculture, Taiwan
15:40-15:55	<b>Use of Feed Additives in Malaysia and Update of Relevant Regulations</b> Dr. Noraini B. Samat, Deputy Director, Livestock Science Research Center, Malaysian Agricultural Research and Development Institute, Malaysia
15:55-16:10	Q & A (15 mins)
16:10-16:20	<i>Break (10 mins)</i>
16:20-17:00	<b>General Discussion Moderators</b> Dr. Su-San Chang, Director, FFTC Dr. Jeng-Fang Huang, Director General, TLRI, Taiwan
17:00	Close
<b>12 November (Friday) 2021</b>	
09:30-10:50	<b>Session 3 – Private Sector Intro</b> <b>Moderator</b> Dr. Chih-Li Sun, TIER, Taiwan
09:30-09:45	<b>Commercialization Experience of Rotam-CS for Poultry</b> Mr. Frank Wong, Vice General Manager, Rotam Animal Health Limited
09:45-10:00	<b>Application of <i>Scutellaria baicalensis</i> Extract in Soothing Animal Atopic Dermatitis and Assisting in Wound Healing</b> Dr. Chen-Hsuan Lee, General Manager, YoHoo Co. Ltd
10:00-10:15	<b>Feeding Multi-Strain Probiotics Improved Carcass Traits and Meat Quality in Pigs</b> Dr. Fang Chi, Chief Operation Officer, Syn Biotech Inc.
10:15-10:30	<b>Application of Immunotherapy in Swine Vaccines</b> Dr. Chia-Jung Chang, Chief Technology Officer, Reber Genetics
10:30-10:50	Q & A
10:50	<b>Closing remarks by:</b> Dr. Jeng-Fang Huang, Director General, TLRI, Taiwan Dr. Su-San Chang, Director, FFTC

**Note:**

1. Video-based workshop tool: Cisco
2. PPT and full papers (10 pages) will be collected before the symposium and a handout of key messages of each presentation will be prepared in English and Chinese and distributed during symposium. The handout can be translated to other languages as well.
3. Speakers need to stay on-line for her/his presentation, Q&A and session discussion.
4. The symposium requires online registration and participant information (name, contact and affiliation)
5. Symposium event will be recorded and accessible online after the symposium.