



## PROGRAMME

### Understanding Antimicrobial Resistance (AMR) and Biosecurity in Aquaculture: FAO candidate Reference Centers on AMR and Aquaculture Biosecurity

Zoom, 20-21 December 2021

DAY 1: 20 December 2021, 13.00PM Rome time (20.00PM Beijing time)		
13:00-13:15	Opening Session Welcome Remarks by Mr. Xianshi Jin, Director General, YSFRI Ms. Melba Reantaso, Team Leader, FAO	<b>Moderator:</b> Dr. Yingeng Wang
<b>Moderator: Dr Melba Reantaso</b>		<b>Presenters</b>
13.20-13.45	<a href="#">Governance and antimicrobial use in aquaculture in selected countries (including antibiotic use as growth promoters)</a>	Dr Patricia Gaunt Professor, Mississippi State University College of Veterinary Medicine, USA
13.45-14.10	<a href="#">Critically important antimicrobials (including colistin) and Codex risk assessment</a>	Dr Iddya Karunasagar Senior Director, International Relations, Nitte University, India
14.10-14.35	<a href="#">Current research on disease control and drug resistance in mariculture</a>	Dr Yingeng Wang Professor, Yellow Sea Fisheries Research Institute, CAFS, China
14.35-14.45	<b>Break</b>	
<b>Moderator: Dr Yingeng Wang</b>		<b>Presenters</b>
14.45-15.10	<a href="#">The genetic basis for antimicrobial resistance in aquaculture</a>	Dr Mark Lawrence Professor, Mississippi State University College of Veterinary Medicine, USA
15.10-15.35	<a href="#">Alternatives to antimicrobials in aquaculture (excluding vaccine)</a>	Dr Indrani Karunasagar Director (R & D), Professor, Nitte University, India
15.35-16.00	<a href="#">Status and prospects for development and application of fish vaccines</a>	Dr Qing Wang Professor, Pearl River Fisheries Research Institute, CAFS, China
16.00-16.20	Discussion and end of Day 1 Moderators: Dr Melba Reantaso, Dr Yingeng Wang	

DAY 2: 21 December 2021, 13.00PM Rome time (20.00PM Beijing time)		
Moderator: Dr Patricia Gaunt		Presenters
13.00-13.25	<a href="#">AMR in one health context</a>	Dr Indrani Karunasagar Director (R & D), Professor, Nitte University, India
13.25-13.50	<a href="#">Aquatic disease prevention and control: Biosecurity and Biosafety</a>	Dr Qingli Zhang Professor, Yellow Sea Fisheries Research Institute, CAFS, China
13.50-14.15	<a href="#">Risks of ARGs in freshwater aquaculture</a>	Dr Yuting Deng Associate Professor, Pearl River Fisheries Research Institute, CAFS, China
<b>14.15-14.25</b>	<b>Break</b>	
Moderator: Dr Indrani Karunasagar		Presenters
14.25-14.50	<a href="#">Preventing bacterial diseases in aquaculture</a>	Dr Larry Hanson Professor, Mississippi State University College of Veterinary Medicine, USA
14.50-15.15	<a href="#">Application and Industrialization of aquatic multi-pathogen microarray kit and portable equipment</a>	Dr Jun Zhou Associate Professor, School of Marine Science, Ningbo University
15.15-15.40	<a href="#">Antimicrobial resistance of bacterial pathogens from salmonid fish and its control strategies</a>	Dr Shaowu Li Professor, Heilongjiang River Fisheries Research Institute, CAFS, China
<b>15.40-16.00</b>	<b>Discussion and end of Day 2</b> <b>Moderators: Dr Patricia Gaunt, Dr Indrani Karunasagar</b>	

**Registration links:**

Day 1: <https://nitte-edu-in.zoom.us/meeting/register/tJcpdeGsrD4qGN1thyJqmcT3hA8kcxeKTE4Z>

Day 2: <https://nitte-edu-in.zoom.us/meeting/register/tJwsduyhrTkpGdQwchqavLc2mQYQsJukaetV>