Day 1 Mar. 20

Morning Plenary Session

0900 Plenary Panel: Revolutionizing Global Health: The Future of Vaccine Technology and Innovation

The global pandemic has accelerated innovation in vaccine development, pushing forward technologies like mRNA and viral vector platforms. As we move toward the next decade, the question remains: how can we ensure these breakthroughs continue to revolutionize healthcare globally? This panel will explore emerging vaccine platforms, personalized vaccines, and the role of Al in streamlining vaccine research.

0945 Plenary Panel: Global Vaccine Equity: Overcoming Challenges in Distribution and Access

While significant progress has been made in developing vaccines for diseases like COVID-19, achieving equitable distribution remains a challenge. This panel will focus on addressing global disparities in vaccine access, including the role of international cooperation, local manufacturing, and public-private partnerships.

Raman Rao, CEO, the Hilleman Laboratories, Singapore

1030 Tea Break

1100 Keynote: Innovative Vaccine Platforms: Accelerating Global Health R&D

Francesco Berlanda Scorza, VP, R&D, Global Health R&D Vaccines Head and GVGH Institute Director, GSK, Italy

1125 Keynote: TBC

Dan Barouch, Professor, Harvard Medical School; Director, Center for Virology and Vaccine Research Beth Israel Deaconess Medical Center, USA

1150 Keynote: TBD

1230 Lunch

Day 1 Mar. 20

Afternoon Session

Respiratory diseases/Flu/Covid

Chair: Yuelong Shu, Director, Institute of Pathogen Biology, CAMS & PUMC, China

1330 Pan-sarbeCoV vaccine: a dream or reality?

Linfa Wang, Professor, Duke-NUS Medical School, Singapore

1355 TBC

Peter L. Andersen, Chief Scientific Advisor, Infectious Diseases, Novo Nordisk Foundation, Denmark

1420 TBC

1445 TBC

Wei Tan, SVP, Head of China Research and External Collaboration, Clover Biopharmaceutical, China

1500 Clinical development for RSV vaccine
in China (TBD)

Cancer vaccine & immunotherapy

1330 TBC

David Weiner, EVP, The Wistar Institute, USA

1355 Development of mRNA vaccines: from infectious diseases to oncology

Ruben Rizzi, Senior Vice President Global Regulatory Affairs, BioNTech, Germany

1420 TBC

1445 TBC

1510 Precision treatment of pancreatic cancer - personalized tumor treatment vaccine

Landian Hu, CEO, Anda Biology Medicine Development (Shenzhen)

1525 Tea Break

1545 Therapeutic vaccine development for Cancer

DCVMN Forum

1330 Strengthening Vaccine Manufacturing Capacity in Developing Countries: The Role of DCVMN

Rajinder Suri, CEO, DCVMN International, Switzerland

1355 Overview of HPV vaccine development and global vaccine introduction status

Peter Dull, Deputy Director at Bill & Melinda Gates Foundation, USA

1420 Landscape of vaccine development in China

Yuanyuan, Country Representative, PATH China

1435 Tech transfer for vaccines (TBC)

Qian Zhang, General Manager, International, Kangtai Bio

1450 Building vaccine capability in Africa (TBC)

Mucosal immunization

Chair: Ling Chen, Professor, Guangzhou Laboratory, China

Mucosal immunization represents a transformative approach to vaccine delivery, harnessing the immune system's natural defense mechanisms at mucosal surfaces to provide robust and long-lasting protection against infectious diseases. This half-day symposium at VIF World 2025 will bring together leading experts from academia, industry, and regulatory agencies to explore cutting-edge research, technological innovations, and translational strategies in mucosal immunization.

The symposium will feature keynote presentations and panel discussions on:

- 1. Mechanisms of Mucosal Immunity:
- 2. Innovative Delivery Platforms:
- 3. Clinical Pipeline and Success Stories
- 4. Regulatory and Manufacturing Perspectives

Zhaohua (Jessie) Chen, Head of Development China, General Manager of China R&D, Pfizer, China

1525 Tea Break

1545 TBC

Linqi Zhang, Professor, Tsinghua University, China

1610 TBC

1625 TBC

Reserved by SDM CRO

1700 Pan-Corona vaccine development (TBC)

Shibo Jiang, Professor, Fudan University, China

1730 End of session

Bin Wang, Professor, Fudan University/Founder, Advaccine, China

1610 TBC

1625 TBD

Xiangrong Song, Cofounder& CEO, Westgene, China

1640 Therapeutic HPV vaccine

Ying Mazzu, COB&CSO, Nanjing AuroRNA Biotechnology, China

1655 TBC

1730 End of session

Nicaise Ndembi, Head for Partnerships for African Vaccine Manufacturing (PAVM) & Head Science Office, Africa CDC, Ethiopia

1505 Development of the vaccine production facility and tech transfer in Latin America

Adel Sattarova, Head of Project
Management Department, FSUE SPbSRIVS
FMBA of Russia

1520 Tea Break

1600 A 6 valent rotavirus vaccine for global Health

Gelin Xu, Senior Expert, Wuhan Insitute of Biological Products, CNBG, China

1620 Innovative products for low resource settings

Melanie Saville, CSO, PATH, USA

1640 Panel discussion

1730 End of session

Speakers:

Ling Chen, Professor, Guangzhou Laboratory, China

Tao Zhu, CSO, CanSino, China Hong Jin, CSO, CynVac, USA

Chunlai Jiang, EVP, Changchun BCHT Biotech, China

Huiming Yan, Professor, Fudan University, China

Ningshao Xia, Professor, Xiamen University, China

Rita Carsetti, VP, International Union of Immunological Societies; Professor, Bambino Gesù Children Hospital, Italy

Raches Ella, Chief Development Officer, Bharat Biotech, India

1730-1830 Poster session

1830 Welcome reception (Sponsorship opportunity)

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Morning Session

Biomanufacturing & Formulation

0900 Building Sustainable Local Vaccine Manufacturing: WHO's Support for Low-Resource Settings

Jicui Dong, Unit Head, Local Production & Assistance Unit, Innovation and Emerging Technologies Department (IET),MHP, World Health Organization, Switzerland

0925 Advanced technology platforms fo vaccine manufacturing in response to pandemic situations

Amine Kamen, Professor, McGill University, Canada

0950 Next-Generation Vaccine
Manufacturing: Scaling Innovation for
Global Health (TBD)

Jian Dong, CEO, WuXi Vaccines; SVP, WuXi Biologics, China

1020 Development of novel combined vaccines for diseases including Shigella Christopher Gill, Senior Program Officer,

Global Health, Vaccine Clinical

Emerging & Re-emerging

0900 Malaria Vaccines: from Licensure to Elimination

Adrian Hill, Director, The Jenner Institute, Lakshmi Mittal & Family Professor of Vaccinology, University of Oxford, UK

0925 Rational design of Zika vaccine to eliminate dengue enhancement

Lianpan Dai, Professor, Institute of Microbiology, Chinese Academy of Sciences, China

0940 Innovative immunogen design for mpox virus vaccine development

Han Wang, Associate Professor, Peking University, China

0955 TBC

1020 Rationale, progress and opportunities for the development of next generation rotavirus vaccines

Baoming Jiang, Professor, CDC, USA

Vaccine Design and Preclinical

Chair: Shaowei Li, Professor, Xiamen University, China

0900 Structure-Based Vaccine Design: Innovations in Stabilizing Antigens and Addressing Emerging Viral Threats

Jason McLellan, Professor, University of Texas at Austin, USA

0925 Al-Guided and Structure-Based Vaccine Design

George Fu Gao, Former Director, China CDC; Professor, Chinese Academy of Sciences, China

0950 TBC

1015 TBC

Tongqing Zhou, Chief, Structural Bioinformatics Section National Institutes of Health, USA

RNA Technologies

0900 Lipid nanoparticles for mRNA vaccine delivery

Norbert Pardi, Associate Professor, University of Pennsylvania, USA

0925 mRNA Vaccines in Low- and Middle-Income Countries: Bridging the Gap

Kiat Ruxrungtham, Professor of Medicine, Director of Chula VRC, Chulalongkorn University, Thailand

0950 TBC

1020 RNA platform implementation in Brasil: Seeding the innovation ecosystem in Latin America

Patrícia Neves, Project Manager, mRNA center, Bio-Manguinhos/Fiocruz, Brazil

1035 Tea break

1100mRNA vaccines and global health: addressing global unmet needs in infectious diseases

Ruben Rizzi, Senior Vice President Global

Development, Bill & Melinda Gates Foundation, UK

1035 Tea Break

1100 Next-Generation Vaccine Platforms: Innovations in Process Development (TBD)

Hao Chen, AVP, Head of Vaccines & Advanced Biotechnologies Process R&D, Merck, USA

1125 More than a theory - Successfuvaccination by Micro Array Patches
Reserved by LTS, Germany

1155 A High-Density Microarray Patch (HD-MAP) to Improve Effectiveness of Vaccines
Thomas Lake, SVP Vaccine Alliances, Vaxxas,
Australia

1210 TBC

1230 Lunch

1035 Tea break

1100 TBC

Reserved by P-95

1115 6-Valent Virus-Like Particle-Based Vaccine development against Norovirus

Dongming Zhou, Head of R&D, Chengdu Kanghua Biological Products Co., China (Invited)

1130 TBC

1200 Assembly of Virus-like Particles Harnessed with RNA-based Chaperone

Baik-Lin Seong, Director General, Vaccine Innovative Technogy Alliance (VITAL)-Korea, South

1215 A quadrivalent mRNA vaccine candidate elicited potent immune responses against monkeypox virus and protection in a rodent model

Yelin Xiong, VP, Yither Biotech, China

1230 Lunch

1035 Tea Break

1100 Next-Generation Vaccine Platforms: A Blueprint for Global Preparedness (TBD)

Ken Ishii, Director, International Vaccine Design Center, Professor, University of Tokyo, Japan

1125 TBD

Qihan Li, Professor, Weirui Bio, China

1150 A path toward broadly and durably protective vaccines

Yoshimasa Takahashi, Director, National Institute of Infectious Diseases, Japan

1215 TBC

1230 Lunch

Regulatory Affairs, BioNTech, Germany

1125 TBC

Reserved by NanoFCM

1140 TBC

Reserved by YX Gene

1155 TBD

Heinrich Hass, CTO, NeoVac, UK

1210 Enhancing the potency of RNA vaccines through next-generation modifications

Kate Broaderick, Chief Innovation Officer, Maravai Life Sciences, USA

1230 Lunch

Biomanufacturing & Formulation	Clinical trial	Vaccine Tech Innovation	RNA Technologies
Chair:	1330 Clinical data of single dose vaccine	Chair:	1330 TBC
Joon Haeng Rhee, Professor, Chonnam	development for Rabies	Raman Rao, CEO, the Hilleman	Francesca Ceddia, CMO, Moderna, USA
National University Medical School, South	Sandy Douglas, Associate Professor, Oxford	Laboratories, Singapore	ADEE E
Korea	University, UK	1220 Innoverting Delivery Methods for	1355 Expanding the Frontier: mRNA Vaccines for Cancer and Autoimmune
Dexiang Chen, CEO, Maxvax, China	1355 TBD	1330 Innovative Delivery Methods for Next-Generation Vaccines: Nasal,	Diseases(TBD)
1330 Nanotechnology in Vaccine	Jingxin Li, Vice Director of the Department,	Inhalable, and Beyond	Bo Ying, Co-founder, Chairman&CEO,
Development: Transforming Delivery and	Jiangsu CDC, China	SeyedReza Banihashemi, Director of	Abogen Biosciences, China
Efficacy	Jiangsa CDC, Cililia	R&D,Razi Vaccine & Serum Research	Abogen biosciences, enina
Chunying Chen, Academician, Professor, The	1410	Institute, Iran	1410 Revolutionizing Therapeutics with
National Center for Nanoscience and			Next-Generation RNA Platforms: From
Technology, CAS, China	1435 Clinical trial for Maternal vaccine	1345 The Molecular Clamp Platform: A	Vaccines to Gene Therapy(TBD)
	development	broadly applicable solution to the	Zihao Wang, CEO, Immorna Bio, China
1355 Optimizing Vaccine Adjuvants:	TBC	manufacture of multivalent subunit	
Bridging Immunology and Global Vaccine		vaccines for respiratory viruses	1425 TBC
Development	1500 Clinical strategy for the	Keith Chappel , Group Lead, The university	
Arnaud Didierlaurent, Assistant Professor,	immunocompromised	of Queensland, Australia	1500 Non-reactogenic LNPs addressing
Center Director of Vaccinology, University	TBC		mRNA vaccination hesitancy
of Genev, Switzland		1400 TBC	Jiangsheng Xu, Co-founder&CSO, General
4.00	1530 Tea Break	1420 James Plant Board Marriage A	Therapeutics, USA
1420 TBC	1600 Reduced dose HPV vaccine	1430 Innovating Plant-Based Vaccines: A New Frontier in Global Health	1515 Next Congression Linid Negonarticle
14F0 Enhancing Musecal Impaunit with DAB	development	Suthira Taychakhoonavudh, CEO,Baiya	1515 Next-Generation Lipid Nanoparticle Systems for Targeted RNA Delivery
1450 Enhancing Mucosal Immunity with RAR Agonists as Potent Vaccine Adjuvants	Ting Wu, Professor, Xiamen University (TBC)	Phytopharm, Thailand	Xuexiang Han, Professor, SIBCB, China
Haibo Li, Professor, Army Medical University	This way Professor, Martier offiversity (TDC)	- Trytopharm, Thanana	Adexiding Flatt, Frotessor, Sibeb, elilla
Halbo El, Frolessol, Army Medical Olliversity	1625 TBC	1445 TBD	1530 Tea Break
1505 Harnessing the power of TLR agonists		Deog-Young Choi, CEO, InThera, South	
as vaccine adjuvants		Korea	1600 TBC

Nikolai Petrovsky. Founder. 1655 Vaccine clinical development strategy Vaxine. Australia in emerging market(s) and Commercial 1500 TBC 1630 Optimizing Tissue Distribution & **Safety of LNP-Mediated Prophylactic** 1515 Amezosvatein Phase 2 trial results Vaccines to Accelerate Prevention of 1530 Tea Break Adham Rezk, CEO, Celero Global, Singapore George Simeon, CEO, Curevo Vaccine, USA Infection & Disease **1600 Nanoemulsion Adjuvants** 1710 SYN023 an Monoclonal Cocktail for Hui Li, R&D Director, Innorna, China Yongming Chen, Professor, Henan University, 1530 Tea Break China Eric Tsao, CEO, Synermore Biologics, China 1645 Optimizations of VZV mRNA vaccine **1600** Revolutionizing Pneumococcal Wenshuo Zhou, Senior Scientist, Academia **Vaccination: Advancing Towards a** 1730 End of Day 2 Secretary to CSO, CNBG Virogin, China **Universal Pneumococcal Vaccine Solution** Reserved by Adjane, Netherlands Tim Hirst, CEO, GPN Vaccines, Australia 1700 Dengue Tetravalent mRNA Vaccine 1630 TBC Chutitorn Ketloy, Assoc. Prof., 1615 TBC 1730 End of Day 2 Chulalongkorn University, Thailand 1630 TBC Yasuo Yoshioka, Project Lead, BIKEN, Japan 1715 Therapeutic HPV mRNA Vaccine Eakachai Prompetchara, Assoc. Prof., **Chulalongkorn University, Thailand** 1730 End of Day 2 1830 Cocktail Party (Sponsorship opportunity) **Day 3 Mar. 22 Morning Session Veterinary Vaccine Preclinical Immunobiology** Partnership & Market access **AMR**

0900 Revolutionizing Vaccine
Development: Lessons from a Lifetime ir
Immunology

George Siber, President, Siber Biotechnologies LLC, USA

0925 Vaccine development in the fight against antimicrobial resistance (TBC)

Adam Cunningham, Professor, Univeristy of Birmingham; Co-Director, BactiVac, UK

0940 Immunotherapy and Vaccine Synergy
A New Frontier in Infectious Disease
Treatment

Bruno Santos, CEO, Immunethep, Portugal (Invited)

0955 Pioneering New Horizons in Bacterial Vaccines: From Concept to Clinical Application

Michael Kowarik, Co-Founder & Chief Scientific Officer, LimmaTech, Switzerland (Invited)

1010 TBC

1035 Tea break

1100 Isolation of protective monoclonal antibodies and development of novel fusion protein vaccines against tuberculosis

0900 Innovations in Veterinary Biologics: Navigating the Future of Animal Health

Mahesh Kumar, SVP of R&D, Global Biologics, Zoetis, USA

0925 Cross-Species Transmission of Animal Viruses: Prevention and Control Strategies

Simon Graham, Professor, The Pirbright Institute, UK

0950 Immunological Insights into Animal Disease Control: A Path Toward Enhanced Vaccine Efficacy

Huichen Guo, Professor, Lanzhou Veterinary Research Institute, China

1015 TBC

1035 Tea Break

1100 Advancing ASFV Vaccine
Development: Overcoming the Challenges
in Combatting African Swine Fever

Christopher Netherton, Professor, The Pirbright Institute, UK

1125 Revolutionizing Animal Vaccine
Development: The Role of mRNA and
Exosome Platforms

Jie Li, Head of R&D, The Spirit Jinyu Biological Pharmaceutical, China

0900 Innate Immunity and Vaccine Adjuvant Innovation: Leveraging the Body's First Line of Defense

Diana Boraschi, Distinguished Professor, Shenzhen Institute of Advanced Technology, China

0925 Vaccine adjuvants, mRNA mode of action, innate/trained immunity for vaccines

Robbert van der Most, Former VP, , BioNTech; CEO, VaxxCellence, Germany

0950 Bioassay for vaccine efficacy

Emanuel Montomoli, Professor, Full Prof. of Public Health, University of Siena;CSO of VisMederi Italy

1005TBC

Yunlong Richard Cao, Assistant Professor, Peking University, China

1030 Tea Break

1100 TBC

1130 Immunogenicity testing of panvariant influenza and coronavirus vaccines using pseudotype platform technologies

Nigel Temperton, Professor, Director, Viral Pseudotype Unit, University of Kent, UK

Expanding Global Vaccine Reach: The Role of SK bioscience in Strategic Partnerships

Hun Kim, President of Global Biz, SK bioscience, South Korea

Leveraging Global Collaborations to Accelerate Vaccine Deployment in Emerging Markets

Meng Li, Head of Board Office, Director of International Cooperation, China National Biotec Group, China

Forging Partnerships Between Academia, Industry, and Government for Market Expansion

Xiaofeng Liang, VP, Chinese Preventive Medicine Association; Professor, Jinan University, China

Building Sustainable Vaccine Markets in Africa: Gennecs Holding's Collaborative Strategy

Nibal Dahaba, Co-Founder & General manager Emerging markets, Gennecs Holding, Egypt

Jiguo (Jeffrey) Zhang, President, Vaccine Division, Fosun Pharma, China

The RIGHT Foundation: Mobilizing Partnerships for Equitable Vaccine Access

Hao Li, Associate Professor, China Agricultural University, China

1115 Harnessing mRNA Technology to Combat Antimicrobial Resistance: Pioneering Vaccines for Drug-Resistant Bacteria

Caiyi Fei, VP, TheraRNA, China

1130 TBC

1200 TBC

1230 Lunch

1140 Progress on the ASF DNA vaccing development in Philippines

Frank Chang, CSO, Reber Genetics, China

1155 TBC

1230 Lunch

1330 Advancing One Health: Integrating Veterinary and Human Vaccines to Tackle Global Health Challenges

Alejandra Capozzo, Professor, Center Director, Universidad Abierta Interamericana (UAI), Argentina

1355 The development of PDCoV and PEDV mRNA vaccines

Zhong Chen, VP, Suzhou HealiRNA Biotechnology

1145 Antigenic sin drives B cell evolution: lessons learned from the COVID-19 pandemic

Emanuele Andreano, Project Leader, Fondazione Toscana Life Sciences, Italy

1230 Lunch

Hani Kim, Executive Director, RIGHT Foundation, South Korea

Strengthening the APAC Vaccine Ecosystem Through Collaborative R&D and Market Strategies

Sean Du, Head, External R&D APAC, Global R&D, Sanofi Pasteur, China

Plenary Session

1530 Plenary Panel: Vaccines Beyond Borders: Shaping Global Health Futures in an Interconnected World

"Vaccines Beyond Borders: Shaping Global Health Futures in an Interconnected World"

This dynamic panel will serve as a grand finale for VIF World 2025, uniting thought leaders from academia, industry, public health, and policy to address the evolving role of vaccines in a rapidly changing global landscape. The discussion will focus on:

- 1. Global Collaboration and Equity: Exploring innovative strategies to ensure equitable vaccine access and distribution, especially in underserved regions.
- 2. One Health and Pandemic Preparedness: Highlighting the interconnectedness of human, animal, and environmental health and the role of vaccines in preventing future pandemics.
- 3. Technological Breakthroughs: Reflecting on the transformative potential of mRNA, mucosal, and nanoparticle-based vaccines to combat emerging and re-emerging infectious diseases.

- 4. Policy and Funding Innovations: Discussing sustainable funding models and global governance frameworks to accelerate vaccine innovation and deployment.
- 5. Vision for 2030 and Beyond: Imagining a future where vaccines play a central role in addressing not only infectious diseases but also broader challenges like antimicrobial resistance, chronic diseases, and aging populations.

The plenary will feature a diverse and influential panel, including representatives from leading vaccine manufacturers, global health organizations, policymakers, and scientific pioneers. By engaging the entire audience in this visionary discussion, the session will inspire actionable insights, foster global collaboration, and leave participants energized to drive meaningful change in the vaccine landscape.

1630 Closing Remark