Food and Agriculture Organization of the United Nations

World Health Organization

CODEX ALIMENTARIUS
INTERNATIONAL FOOD STANDARDS

15 April 2026
12:40 - 1:30 PM (GMT+8)
Chongqing, China

Languages: English

Navigating Risk Analysis for Cell-Cultured Foods: Challenges and Opportunities

Co-proposed by: Singapore, China, Republic of Korea

Side event tentative programme

CCFA56

Objective

Rapid technological innovation is transforming the food landscape, with growing interest in the adaptation of biomedical and pharmaceutical technologies such as cell culture techniques for food production. As these food innovations enter the market, the need for rigorous safety evaluation and robust regulatory frameworks is critical to ensure consumer protection whilst supporting continued innovation in food production.

This side event aims to provide an overview of the current efforts in the risk analysis of foods produced using cell culture techniques, highlight associated challenges and explore potential approaches to address them. The session will touch on current efforts and challenges in each of the three aspects of risk analysis; namely risk assessment, risk management and risk communication. It will conclude with a panel discussion to reflect on challenges across these aspects and identify opportunities to address them

Programme

Co Hosts: Singapore, China, Republic of Korea

S/N	Time	Title	Synopsis	Speakers
1.	12:40-12:50	Advancing the safety assessment of cell-based foods: Insights from FAO/WHO hazard identification & global perspectives on risk assessment of input materials and regulatory approaches	This presentation will provide an overview of the potential hazards in cell-based foods and regulatory approaches.	Dr Masami TAKEUCHI, Food and Agriculture Organization
2.	12:50-13:00	Risk Analysis of New Food Sources and Production Systems	This presentation will introduce the main lessons learned from the implementation of the EU legislative framework on novel foods.	Mr Sébastien GOUX, European Commission
3.	13:00-13:10	Risk Communication: Facilitating informed dialogue about cultivated meat and seafood	This presentation will introduce the perspectives of industry on risk communication efforts and terminologies for foods produced through cell culture	Mr Samuel GOH, The Good Food Institute APAC

4.	13:10-13:30	Panel Discussion: Advancing Food Innovation While Ensuring Safety: Challenges and Opportunities	This panel will explore Members' experiences with risk analysis of foods produced using cell culture, the challenges faced and exchange views on considerations for improving clarity and coherence moving forward..	Dr Masami TAKEUCHI, Food and Agriculture Organization Dr Kim PETERSEN, World Health Organization Mr Ben SUTHERLAND, Food Standards Australia New Zealand Dr Jianbo ZHANG, China National Center for Food Safety Risk Assessment Mr Sébastien GOUX, European Commission Dr Mi Young LEE, Ministry of Food and Drug Safety (Republic of Korea) **Moderator:** Mr Teng Yong LOW, Singapore Food Agency

Resources

FAO & WHO. 2023. Food safety aspects of cell-based food. Rome. https://doi.org/10.4060/cc4855en

Novel food regulations in the European Union https://food.ec.europa.eu/food-safety/novel-food/legislation_en

Novel food regulations in Singapore https://sso.agc.gov.sg/Act/FSSA2025?ProvIds=P15-#P15-

Cell-based food application evaluated by Food Standards Australia New Zealand https://www.foodstandards.gov.au/food-standards-code/applications/A1269-Cultured-Quail-as-a-Novel-Food