

APAC-SCA

Asia-Pacific Society for
Cellular Agriculture

Introduction to APAC Society for Cellular Agriculture.

Established in 2022



Foreword

The Asia-Pacific Society for Cellular Agriculture (APAC-SCA) officially launched in March 2022, the first of its kind in the region. The founding companies that established the association recognised the necessity and value of a coordinated entity to represent the industry in continued growth.

Our members are united with a clear and aligned vision – a collective effort will position the APAC region at the forefront of the cultivated food industry. Over the past two years, we have set up programmes in three strategic areas: ecosystem building, shaping perceptions, and coordinating APAC regulations. These activities help us deliver common positions for our industry and support advocacies for policies that can build a sustainable, resilient, and food-secure future.

With our commitment to support the interests of our members and our industry, APAC-SCA continuously seeks to expand our network, build partnerships, and partake in various activities. We pride ourselves in the joint cause of bringing cultivated food to all. Instigating meaningful programmes such as the APAC Regulatory Coordination Forum (www.cellagforum.info) and the APAC-SCA (Student Chapter) (www.cellagstudentcom), we look to support talent, regulations, industry development, and academia alike.

APAC-SCA operates on a strong foundation and structure. Our members hold access to a repository of information to support their company's growth; we actively listen to our members to best tailor solutions for their specific needs; and we contribute to regional development as a registered entity in Singapore.

With an optimistic outlook toward the future, we recognise the challenges ahead of us – we need strong and effective collaboration, synergy and coordination, and we urge industry participants to join us today for the journey ahead.

Please out to info@apac-sca.org if you are interested to know how your company can benefit from the membership.



Peter Yu

Program Director,
APAC Society for Cellular
Agriculture (APAC-SCA)

APAC-SCA Membership

Our members are founders of trailblazing ventures invested in advancing cultivated meat and seafood to meet the soaring demand for protein; for better health, food security, and sustainability.



Based in Israel, Aleph Farms is the third cultivated meat company in the world to have achieved regulatory approval. Their cultivated petit steak will be commercialised in Israel.



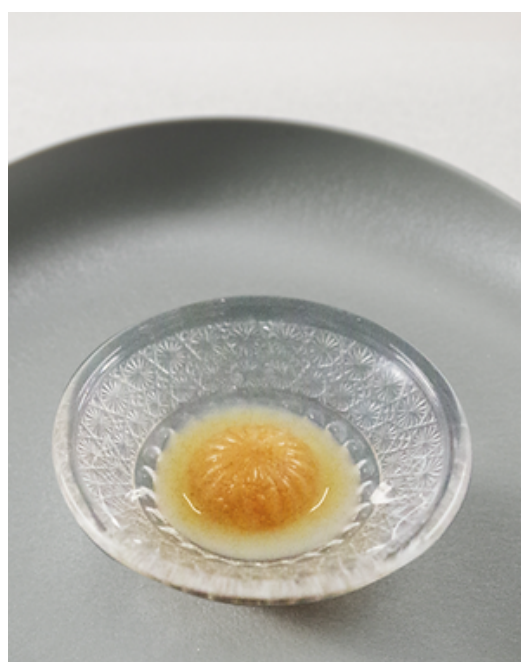
Based in Hong Kong, Avant has a pilot plant in Singapore with three products offerings - cultivated fish fillet, cultivated fish maw, and a skincare product active ingredient.



Based in Malaysia and Singapore, Cell AgriTech focuses on large-scale manufacturing and offers Contract Development and Manufacturing (CDM) services for companies entering the Singapore market with zero CAPEX, supporting cultivated meat startups from lab to manufacturing scale.



Based in South Korea, DaNAgreen has developed a proprietary scaffold, Protinet™-P. The scaffold is made of isolated plant proteins that allow different types of cells to proliferate and differentiate.



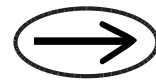
Based in Japan, IntegriCulture has developed a CulNet® system and established a consortium with five areas of targeted approach to foster innovation.



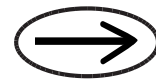
Based in South Korea, Seawith has developed low-cost scaffolding and serum based on microalgae, and its own cultivated meat steak - welldone™.

APAC-SCA Membership

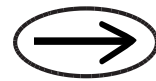
APAC-SCA has now opened its membership to multinational corporations, and cultivated meat and seafood companies headquartered outside of the APAC region. Reach out to info@apac-sca.org to understand how your company can benefit from the membership.



Based in Singapore, UMAMI Bioworks machine learning-based optimisation platform, ALKEMYST™, will serve as the discovery and development platform for cultivated seafood — and beyond.



Based in Singapore, Shiok Meats is the world's first producer of cultivated crustaceans, including crabs, lobsters, and shrimps. The company merged with UMAMI Bioworks in 2024.



Based in Singapore, Gaia Foods developed a proprietary system for 3D bioprinting of cultivated steaks. The company was fully acquired by Shiok Meats in 2021.

MNC Member



Based in Japan, Kanadevia has developed tailored, animal cell-free, and cost-effective Growth Factors. The company will contribute to the cultivated meat industry with their reliable product.

Tier 1 Observer



Based in The Netherlands, Meatable works with patented opti-ox technology and pluripotent stem cells to create fully differentiated, high quality pork products in just 4 days.

APAC-SCA Board & Structure

APAC-SCA is governed by a Board named by its founding members, and its agenda is executed by its management staffs.



President

Carrie Chan
Co-founder & CEO
Avant



Secretary

Gary Brenner
Director, Market and
Corporate Development
Aleph Farms



Treasurer

Jay Hyeongun Jee,
PhD.
Co-founder & CTO
DaNAGreen



Board Member

Yuki Hanyu, PhD.
Founder & CEO
IntegriCulture



Member

Jason Ng
Director and
Manufacturing Vice
President
Cell AgriTech



Member

Haruka Yamashita
P.E.Jp, Senior
Engineer Kanadevia's
Growth Factor Project
Section



Member

Aaron Yeo
General Manager
Meatable



Member

Heejae Lee
CTO
SeaWith



Member

Mihir Pershad
Founder & CEO
Umami Bioworks



Management

Peter Yu
Program Director



Management

Calisa Lim
Senior Project
Manager

Focus on 3 Strategic Areas

APAC-SCA's funding is directed into three strategic areas to drive the commercialisation of cultivated meat and seafood in the APAC region.

ECOSYSTEM BUILDING

APAC-SCA has built up a network of industry leaders, academia, companies, non-profits, public, and governmental institutions to support its members' engagement and to maximise cooperation among all stakeholders.

SHAPING PERCEPTION

APAC-SCA has developed a series of advocacy tools to support its members in their company's growth, and to lead the APAC region in one voice. Representing our members at forums and conferences, we seek to promote the benefits of adopting cultivated meat and seafood.

COORDINATING REGULATIONS

APAC-SCA represents the views and positions of the industry on the regulatory front to support innovation and commercialisation of cultivated foods. Be part of the network as we work towards a consistent approach to cultivated food regulations within the APAC region.

1. Ecosystem Building

APAC-SCA facilitates and brings connectivity to its members through our extensive network, provides exposure and awareness of its members at all events, and reserves all available opportunities for its membership.

APAC Regulatory Coordination Forum



Global and Regional Association Partnerships



APAC-SCA (Student Chapter)



Engagement in Standards Developments



Singapore International Agrifood Week



2. Shaping Perception

APAC-SCA ensures that its members are supported in their pathways to commercialisation. These include developing advocacy tools for its membership, organising, and participating in forums and conferences to promote the cultivated meat and seafood industry.

Consumer Studies

APAC-SCA published two consumer study reports in South Korea and Japan, with the detailed findings available for members access only. The repository will be expanded to include other countries of interest.



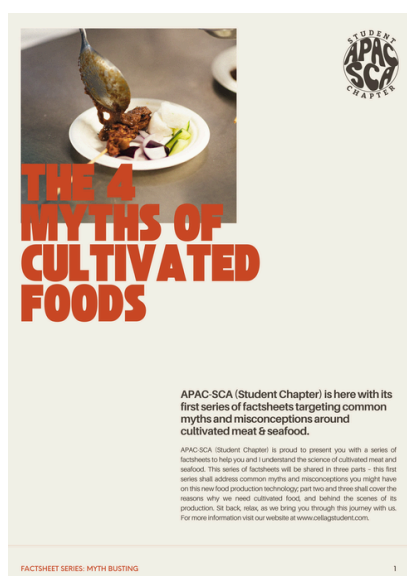
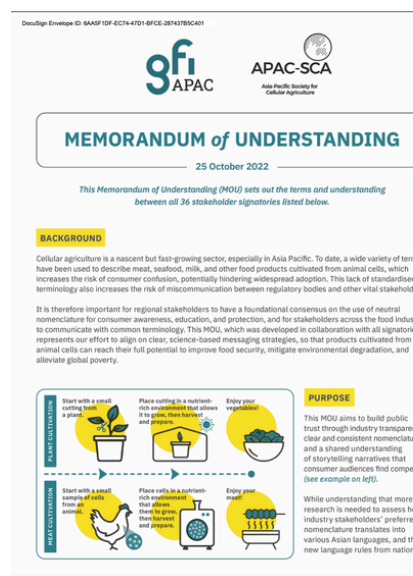
Policy & Regulatory Database

APAC-SCA members have access to first hand information on the latest policy and regulatory developments across the globe. This resource supports our members in their service delivery.



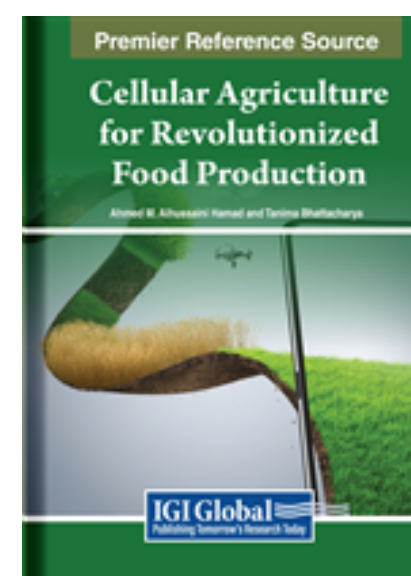
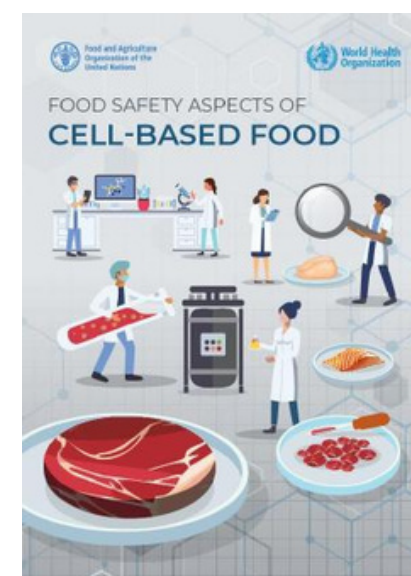
Our Perspective

Negative messaging could potentially undermine the industry, hindering the pathway to a resilient and food secure future. APAC-SCA has aligned with various stakeholders to share our perspectives.



Our Publications

APAC-SCA participated in the development of important publications such as the FAO food safety report, and published a book chapter detailing the regulatory landscape and consumers perception.



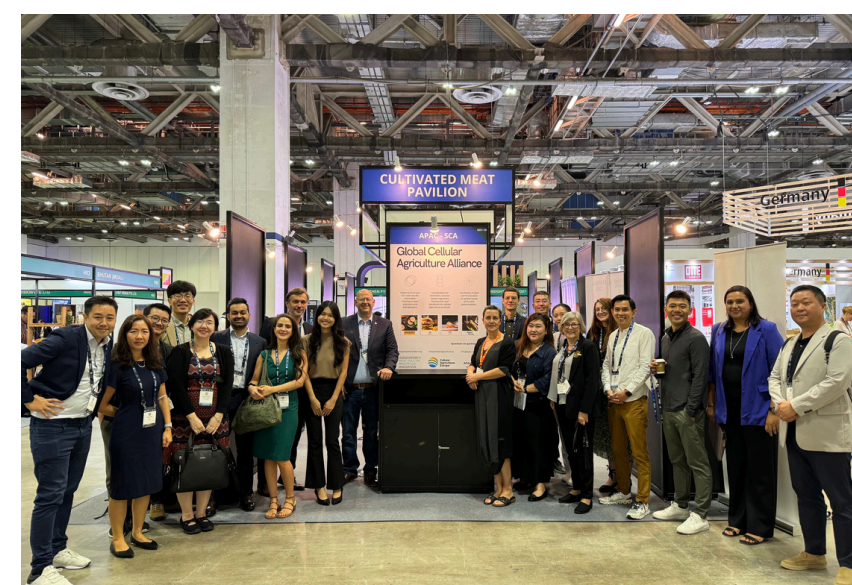
APAC-SCA (Student Chapter)

APAC-SCA is the instigator and main coordinator for its student chapter dedicated to increasing the awareness and preference of cultivated meat and seafood among the next generation of consumers.



Cultivated Meat Pavilion

APAC-SCA is the partner organiser of the Cultivated Meat Pavilion at the Singapore International Agrifood Week. This is the landmark event for agritech in Asia and the pavilion showcases companies along the cultivated meat and seafood supply chain.



3. Coordinating Regulations

APAC-SCA represents the views and positions of its members and the industry, and works towards a consistent approach to cultivated food regulations in the APAC region.

APAC Regulatory Coordination Forum (www.cellagforum.info)

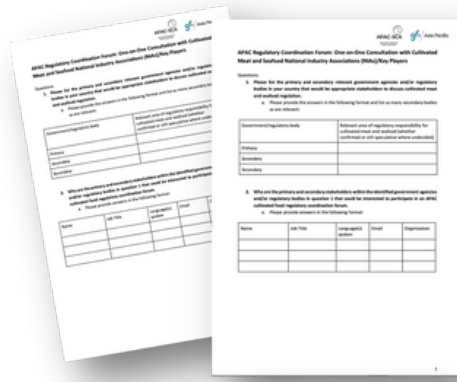
APAC-SCA is the main instigator, founding member, and main coordinator for the APAC Regulatory Coordination Forum. Launched in 2023, the Forum serves as a platform to transparently share information, collaborate on inputs such as data or safety assessments, and provide open discussions and viewpoints between partners across the APAC region. These key stakeholders come from governmental agencies in different jurisdictions, industry associations, think tanks, and companies across the APAC region.



A structure of the stages for a meaningful outcome

APAC-SCA developed a structure for the platform to drive meaningful collaboration between the forum's partners.

Consultations with Key Stakeholders



Development of Discussion Papers



Formalisation via Memorandum of Understanding



Working Groups set up for Issues Papers



The pair of **newly released white papers on cell line development and cell culture media components** aims to increase public awareness of the current gaps where regulatory coordination can support innovation and drive the commercialisation of cultivated food products. By delineating potential solutions and technical recommendations, we hope that these white papers will be helpful for relevant stakeholders to identify the best approaches to deliver science-based policies and regulations, as the world strives to meet the soaring demand for alternative proteins.

13 Stakeholders, 10 APAC Countries



The Next Step in Your Journey

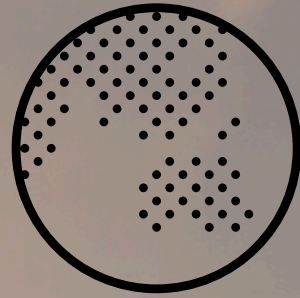


Cultivated food offers an innovative solution as a complementary source of protein – yet hurdles in the pathway ahead require strong industry coordination, collaboration, and perseverance. Take the next steps in your cultivated food journey by joining the APAC Society for Cellular Agriculture, a growing network dedicated to enabling the visionaries to reach the next level of the future of food through inclusivity, transparency, and cooperation with all stakeholders.

As part of this association, you'll join industry leaders working collaboratively to accelerate progress, address regulatory needs, and bring cultivated food to market faster. Our community is paving the way toward a food-secure and sustainable future where animal welfare and environmental preservation are at the core. Membership opens the door to exclusive resources; including first-hand access to regulatory information and development, standards work, consumer insights, network, and publications – you'll receive a repository of information while actively participate in shaping the directions for our instigated programmes.

As a company, your involvement is fundamental to shaping the future of our industry. Join us in our collective journey ahead to make history and to champion cultivated food a reliable source of protein for generations to come. APAC-SCA offers membership tiers based on your needs. Please reach out to info@apac-sca.org to understand more on how your company can benefit.





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