

SCIENTIFIC ADVISORY COMMITTEE (SAC) Updates

John Budin, McCormick FONA (Chair)

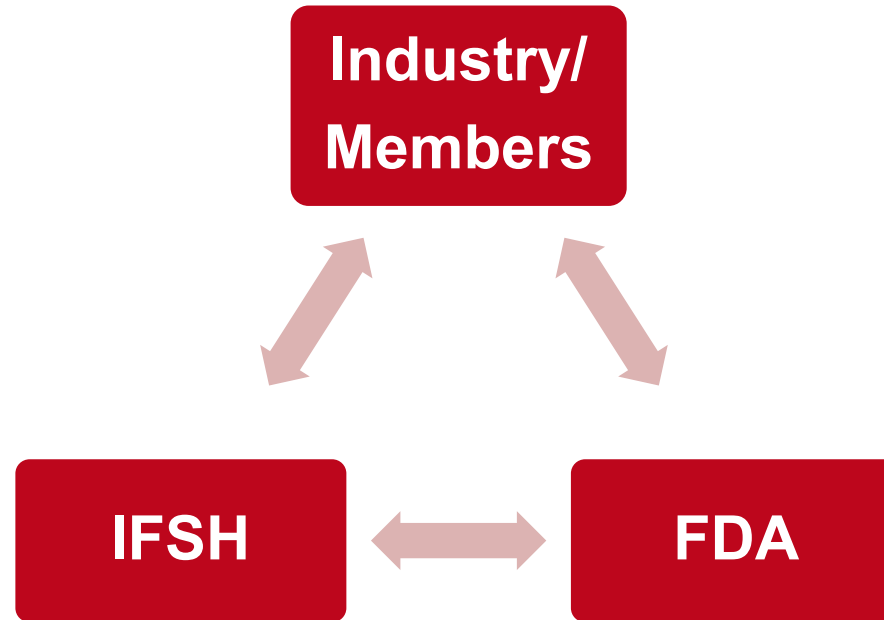
Yanyan Huang, ADM (Vice-Chair)

IFSH Annual Meeting, September 4, 2024

IFSH Scientific Advisory Committee (SAC)

Vision

- **Provide guidance and set strategic direction** on technical topics related to producing safe and healthy food
- **Guides and supports IFSH to meet strategic priorities** and provides guidance on emerging issues in food safety and nutrition, as a function of public health/as related to public health issues

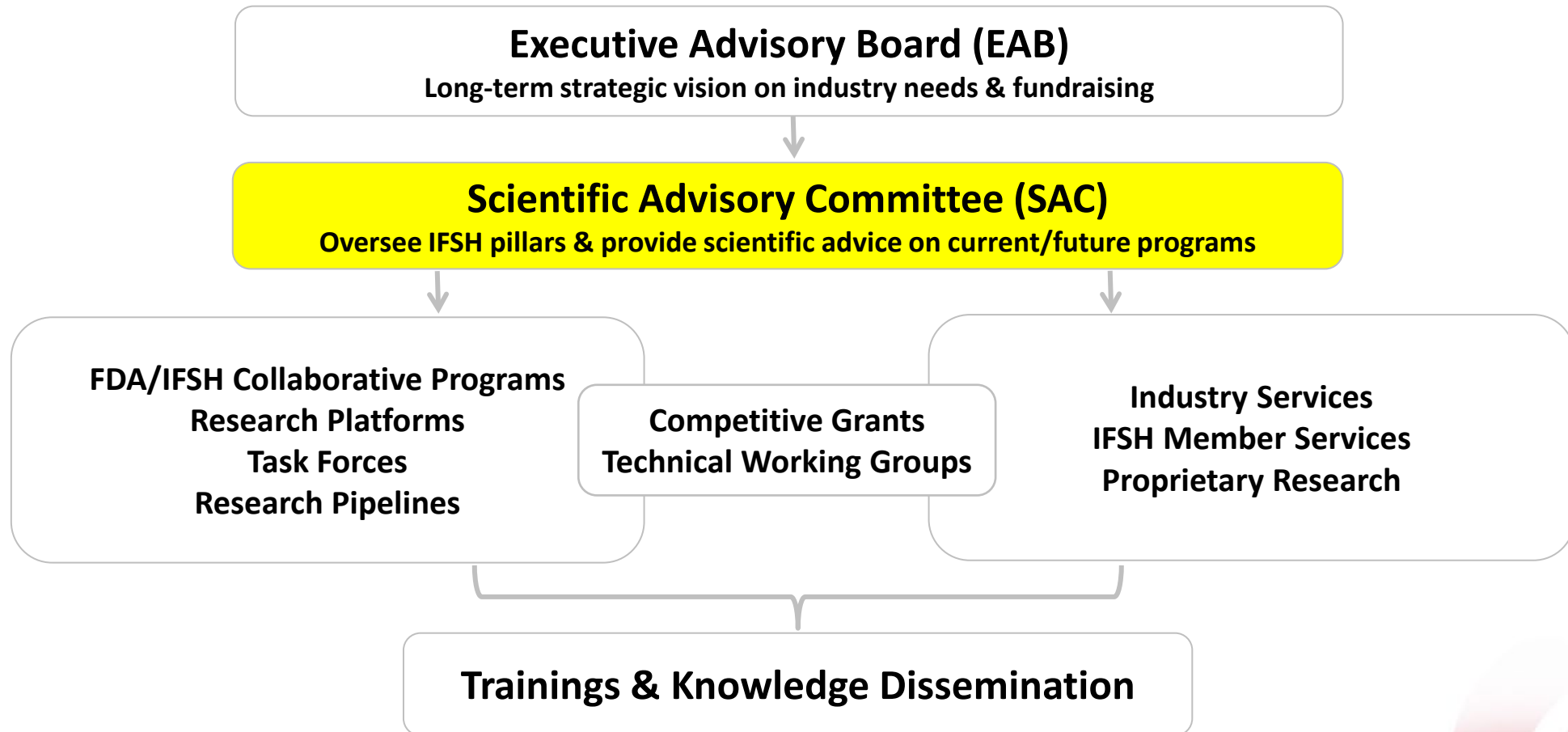


Members

- **Composed of a diverse group of experts** drawn from industry and regulatory agencies
- **30 members**
 - ✓ 7 FDA, 6 IFSH, 17 Industry members
 - ✓ Co-chaired by 2 industry representatives

IFSH Scientific Advisory Committee (SAC)

Organizational Charter for SAC



SAC Industry Members (As of Sept 4, 2024)

SAC Role	Last Name	First Name	Affiliation
Chair	Budin	John	McCormick FONA
Vice Chair	Huang	Yanyan	ADM
SAC Industry Members	Achen	Maya	Abbott Nutrition
	Benz	Christine	E. & J. Gallo
	Bird	Patrick	bio'Merieux
	Clifford	David	Nestle
	Elias	Patrick	Lamb Weston
	Garnett	John	Conagra Brands

SAC Industry Members (As of Sept 4, 2024)

SAC Industry Members	Henderson	Matt	Land O'Frost, IL
	Longfield	Joyce	Good Foods Group
	Mertz	Erin	Ecolab
	Post	Laurie	Diebel Labs
	Ramaswamy	Raghu	KraftHeinz Company
	Sheldon	Kathie	Hormel
	Sinha	Malavika	Lamb Weston
	Walker	Donald	Abbott Nutrition
	Zeller	Samuel	Unilever

FDA PARTICIPATING MEMBERS

Girvin Liggans, Deputy Director for Plant-Derived Foods

Nathan Anderson, Director, Division of Food Processing Science and Technology (DFPST)

Leslie Smoot, Senior Advisor, Project Officer Moffett

Glenn Black, Associate Director for Research DFPST * **FUNCTIONAL POINT OF CONTACT – FDA**

Elizabeth Grasso-Kelley, Chief, Food Technology Branch, DFPST

Lauren Jackson, Chief, Process Engineering Branch, DFPST

Karen Hatwell, Science Advisor for Chemistry

IFSH STAKEHOLDERS

Brian Schaneberg, Executive Director - IFSH

Jason Wan, Associate Director - IFSH, Professor of Food Science , ***IFSH SAC Coordinator**

Alvin Lee, Director - Center for Processing Innovation, IFSH, Associate Professor of Food Science

Wei Zhang, Professor of Food Science

Britt Burton Freeman, Director - Center for Nutrition Research, IFSH, Professor & Chair – Dept Food Science & Nutrition

Tina Gettis, Manager - Business Development & Communications, IFSH

2023/2024 SAC Meetings and Activities

- October 12, 2023, In-person meeting at IFSH
- March 19, 2024, 1:00pm-2:00pm CT, Zoom.
- May 9, 2024, Jim Jones IFSH visit
- June 25, 2024, 11:00am-12:00noon CT, Zoom.
- September 3-5, In-person IFSH Annual Meeting, Crowne Plaza, Rosemont, IL.
- October 1, 2024, 11:00am-12:00noon CT, Zoom.

SAC Research Priorities for 2024-2029

Oct 12 2023 SAC Meeting Recap

- Allergen
- Low moisture food
- Sanitation
- Hygienic design
- Training and outreach

Brainstorming Research Needs for the Next 5 Years

- Allergen Prevention
 - *Tool to manage prevention*
 - *New proteins/ingredients that might be allergenic*
 - *Allergen profile of ingredients*
 - *Inactivation or decomposition of the allergenic molecule*

Brainstorming Research Needs for the Next 5 Years

- Low Moisture Food
 - *RTE powdered ingredients*
 - *Prevalence of Salmonella in wheat flour & LMF that are not RTE*
 - *Onion & garlic powders*
 - *Powdered infant formula*

Brainstorming Research Needs for the Next 5 Years

- Sanitation
 - *When or how clean is “clean” or official definition of sanitation*
 - *Cleaning models and sanitizing of a dry process*
 - *Does effective dry microbial sanitation imply/correlate with effective allergen sanitation*
 - *Ways to deliver dry cleaning and sanitation*

Brainstorming Research Needs for the Next 5 Years

- Hygienic design

- *Assessment, benchmarking, rating system or certification of design for new & used equipment*
- *Identification / collaboration of hygienic improvements in the industry*

Brainstorming Research Needs for the Next 5 Years

- Training

- *Root cause analysis*
- *Risk Assessment (specifically allergen, physical and other chemical hazards)*
- *New FDA chapters – update/develop training*
- *Hygienic design (EU Campden)*
- *Nutrition Labeling*
- *Web based training for EMP, other plant QC activities*
- *Process Authorities*
- *Sanitation – elements currently missing that are identified in Preventive Controls*

WHY be involved in SAC

- Opportunity to ask the FDA
- FDA Updates to SAC Members
- Collaboration with FDA
- FDA Science and Research Priorities

HOW TO PARTICIPATE?

Research and training ideas? Connect with us!

John Budin: john_budin@mccormick.com

Yanyan Huang: yanyan.huang@adm.com

Jason Wan: jwan1@iit.edu

Interested to learn more? IFSH Membership? Reach out to:

Tina Gettis tgettis@iit.edu

Questions?