

Utilizing phytonutrients for public health and establishing Global Phytonutrient Society (GPS)

Harunobu Amagase^{1,2,4}, Teruo Miyazawa^{3,4}, Kiyotaka Nakagawa^{3,4}, Shunji Kato^{3,4}

¹Amway Japan G.K., Tokyo, Japan; ²Association of International Food and Nutrition, Tokyo, Japan; ³Tohoku University, Sendai, Japan; ⁴Global Phytonutrient Society, Sendai, Japan



AIFN 国際栄養食品協会

ABSTRACT

Recent findings of health-promotional effects of phytonutrients are globally recognized. Many of them are related to the age-related symptoms and may be useful for super-aging society and its related social issues. We would like to make phytonutrient as the first value of people's health for consumers and scientists, as a part of daily life based upon scientific evidence. Objective of GPS is to promote usefulness of phytonutrients based on advanced scientific evidence from the world; to utilize promising phytonutrients applying to super-aging society; to link to global leading experts and societies; to collaborate with governmental scientific organizations in major regions; and to establish global subsidiaries in the future. Our goal is that botanicals, especially sources phytonutrients, are universally accepted by policy makers, regulators, academia and consumers for use in supplements/health foods and as essential choice to achieve optimal health.

1. Vision

Make phytonutrient as the first value of people's health for consumers and scientists, as a part of daily life based upon scientific evidence

2. Objective

- Promote usefulness of phytonutrients based upon advanced scientific evidence from the world
- Utilize promising phytonutrients applying to super-aging society
- Link to global leading experts and societies
- Collaborate with governmental scientific organizations in major regions
- Establish global subsidiaries in the future

3. Goal

Botanicals, especially sources phytonutrients, are universally accepted by policy makers, regulators, academia and consumers for use in supplements / health foods and as an essential choice to achieve optimal health.

4. Activities

- 1) Collect and update advanced scientific information of phytonutrients. Establish website. Take advantage of monograph, analytical investigation of phytonutrients from various area including EU, USA, Japan and Asian countries
- 2) Link to influential experts and societies, such as IUNS, American Society for Nutrition (ASN) and others, if any. Collaborate with various researchers and increase communication with them
- 3) Share updated phytochemical information with nutrition policy makers to give them good and productive influence. Collaborate with governmental scientific organizations including Ministry of Agriculture, Forest and Fishery (MAFF) in Japan for their further research activities including JAS (Japan Agricultural Standard) monograph of phytochemical ingredients upon agreement
- 4) Increase public awareness of phytochemistry for their health benefits. Distribute consumer-friendly scientific information of the phytonutrients to the public and media. Distribute information through media periodically and actively involved in the media interview
- 5) Hold a symposium every other year to showcase updated phytonutrient information. Internationally known experts of Phytochemistry research area will be enrolled as scientific advisors. Venue could be rotated in major regions started from Tokyo (2016), Buenos Aires (2017) as a part of ICN, and around the world. Proceedings will be published in a peer-reviewed scientific journal as a supplement.

5. Membership criteria, term and benefits

Free membership. Anybody who is interested in Phytochemistry can join this society. A term of committee members is one year and automatically continues unless member request termination. Participant fee to the Symposium would be charged. At the symposium, three superior presentations from young-scientists will be awarded to support a part of their travel cost.

Chair: Professor Teruo Miyazawa, Ph.D. (Tohoku University)

Committee: Globally recognized around 12 leading scientists from the world in the following (alphabetical order):

- Ana Rita Bilia (University of Florence, Italy)
- Jan Frank (University in Hohenheim, Germany)
- Naomi K. Fukagawa (USDA Beltsville Human Nutrition Research Center, USA)
- Elizabeth J. Johnson (Tufts University, USA)
- Hisanori Kato (Tokyo University, Japan)
- Oran Kwon (Ewha Womans University, Korea)
- Chizuru Nishida (WHO, Switzerland)
- V. Prakash (CSIR, India)
- Leandros Skaltounis (University of Athen, Greek)
- Viktor Tutelyan (Institute of Nutrition, Russia)
- Yuxein Yang (CNS, China)
- Gary Williamson (University of Leeds, UK)

Office location: Tohoku University
Supporter: Association of International Food and Nutrition (AIFN)

