



GLOBAL ORGANIZATION FOR EPA AND DHA OMEGA-3S

Science Committee Meeting Minutes

Date: 26 July 2023

PRESENT

Committee Members:

Aldo Bernasconi (GOED) (Guest Presenter)
Allison Wilkin (GOED - CSD team)
Arun Rajgopal (Amway)
Barbara David (Nuseed)
Caroline Ingles (Herbalife)
Daniela Lopez (Naturmega)
Dimitri Sclabos (Tharos)
Eileen Bailey (DSM-Firmenich)
Elena Nekrasov (Amway)
Ellen Schutt (GOED)
Erin Hudson (Nutrasource)
Gladys Ccahuantico (Copeinca)
Jim Richards (DSM-Fermenich)
Kaitlin Roke (GOED) (GOED committee lead)
Marzena Kucia (Natural Pharmaceuticals)
Nada Abuknesha (London Metropolitan University) (Research Award Winner)
Rahbika Ashraf (University of Guelph) (Research Award Winner)
Sonia Hartunian (DSM-Fermenich)
Sushrutha Nagaraj (Nature's Way)
Theresa Jahn (Nature's Way) (Committee Chair)
Udaya Wanasundara (Algarithm)

Last GOED Science Committee meeting: 28 June, 2023

Next GOED Science Committee meeting: 30 Aug, 2023

26 July 2023 Meeting Recording:

https://us02web.zoom.us/rec/share/hJ2EObVALHnQdA9EzN0s_1QpYHqcgEPuyJtgUE9ZKcITSlIX6UZ74q4Nrrexg0IS.tznWWLYvDyswRk-Q

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Bleeding presentation (originally presented at ISSFAL July 2, 2023; recorded July 20, 2023). Kaitlin Roke.

<https://us02web.zoom.us/rec/share/DyIRkpMIIFUC-9WBDPw682FGEeMeVgL-sDSe7pzq3DX-Yj092fmUJ9gmI0AQg9jp.gDVcKHHEca2FVnbB>

Passcode: 8.P7Z#XT



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Housekeeping

- Welcome to new or returning GOED Science Committee members.

Items for Group Discussion:

1. Quick ISSFAL recap

Upcoming Events and Meetings which may be of interest to the GOED Science Committee, or others in your organization

2023

Name	Date	Location
National Nurse PRACTitioner Symposium (NNPS)	20-23 July 2023	Keystone, Colorado, USA
American Society for Nutrition - Nutrition 2023	22-25 July 2023	Boston, Massachusetts, USA
11th Oceania Foods Conference	10-11 August, 2023	Pacific Harbour, Fiji
AOAC International - Annual Meeting	25-30 August 2023	New Orleans, Louisiana, USA
46th European Society of Cardiology (ESC) Congress	25-29 August 2023	Amsterdam, Netherlands
14th Asian Congress of Nutrition	14-17 September 2023	Chengdu, China
19th Euro Fed Lipid Congress and Expo	17-20 September 2023	Poznan, Poland
International Conference on the Bioscience of Lipids (ICBL)	2-5 October 2023	Palma, Spain
Responsible Seafood Summit	2-5 October 2023	Saint John, New Brunswick, Canada
Food & Nutrition Conference & Expo	7-10 October 2023	Denver, Colorado, USA
NutrEvent: Where Innovation Partnerships Emerge	17-18 October 2023	Rennes, France



GLOBAL ORGANIZATION FOR EPA AND DHA OMEGA-3S

13th Mind-Body Interface International Symposium	28-30 October 2023	Taichung, Taiwan
14th European Nutrition Conference, FENS 2023	14-17 November 2023	Belgrade, Serbia
Algae Europe	12-14 December 2023	Prague

2024

Name	Date	Location
GOED Exchange 2024	23-25 January 2024	Athens, Greece



GLOBAL ORGANIZATION FOR EPA AND DHA OMEGA-3S

July 13+ – GOED Science Committee – Publications of Interest

Shen, Q., Yang, J., Zamora, D., Horowitz, M., Faurot, K. R., MacIntosh, B. A., Mann, J. D., Hammock, B. D., Ramsden, C. E., & Taha, A. Y. (2023). Associations between Plasma Lipid Mediators and Chronic Daily Headache Outcomes in Patients Randomized to a Low Linoleic Acid Diet with or without Added Omega-3 Fatty Acids. *Metabolites*, 13(6), 690.

<https://doi.org/10.3390/metabo13060690>

Stayduhar, J. M., Covvey, J. R., Schreiber, J. B., & Witt-Enderby, P. A. (2023). Pharmacist and Student Knowledge and Perceptions of Herbal Supplements and Natural Products. *Pharmacy (Basel, Switzerland)*, 11(3), 96. <https://doi.org/10.3390/pharmacy11030096>

Engert, L. C., Mullington, J. M., & Haack, M. (2023). Prolonged experimental sleep disturbance affects the inflammatory resolution pathways in healthy humans. *Brain, behavior, and immunity*, 113, 12–20. Advance online publication. <https://doi.org/10.1016/j.bbi.2023.06.018>

Nakamura, N., Nagawa, D., Nakata, M., Narita-Kinjo, I., Fujita, T., Murakami, R., Shimada, M., Okita, A., Sekino, K., Tazawa, A., & Tomita, H. (2023). Dietary Intake of Polyunsaturated Fatty Acids and Diabetic Nephropathy: Cohort Analysis of the Tsugaru Study. *In vivo (Athens, Greece)*, 37(4), 1890–1893. <https://doi.org/10.21873/invivo.13282>

Sinha, S., Haque, M., Lugova, H., & Kumar, S. (2023). The Effect of Omega-3 Fatty Acids on Insulin Resistance. *Life (Basel, Switzerland)*, 13(6), 1322. <https://doi.org/10.3390/life13061322>

Decsi, T., Marosvölgyi, T., & Szabó, É. (2023). Docosahexaenoic Acid in Formulas for Term Infants: The Way from Pioneer Idea to Mandatory Dietary Recommendation. *Life (Basel, Switzerland)*, 13(6), 1326. <https://doi.org/10.3390/life13061326>

Morales-Suárez-Varela, M., Amezcua-Prieto, C., Llopis-Gonzalez, A., Ayan Perez, C., Mateos-Campos, R., Hernández-Segura, N., Ortiz-Moncada, R., Almaraz, A., Alguacil, J., Delgado Rodríguez, M., Blázquez Abellán, G., Alonso-Molero, J., Martínez-Ruiz, V., Santana-Garcia, I., Cancela, J. M., Valero Juan, L. F., Martín-Peláez, S., Fernández-Villa, T., & Grupo de Investigación UniHcos (2023). Prevalence of Depression and Fish Consumption among First Year Spanish University Students: UniHcos Project. *Nutrients*, 15(12), 2757. <https://doi.org/10.3390/nu15122757>

Gao, J., Xie, C., Yang, J., Tian, C., Zhang, M., Lu, Z., Meng, X., Cai, J., Guo, X., & Gao, T. (2023). The Effects of *n*-3 PUFA Supplementation on Bone Metabolism Markers and Body Bone Mineral Density in Adults: A Systematic Review and Meta-Analysis of RCTs. *Nutrients*, 15(12), 2806. <https://doi.org/10.3390/nu15122806>

Guardino, E. T., Li, Y., Nguyen, X. M., Wilson, P. W. F., Gaziano, J. M., Cho, K., Benjamin, E. J., & Djoussé, L. (2023). Dietary ω -3 fatty acids and the incidence of atrial fibrillation in the Million Veteran Program. *The American journal of clinical nutrition*, S0002-9165(23)65963-5. Advance online publication. <https://doi.org/10.1016/j.ajcnut.2023.06.001>



GLOBAL ORGANIZATION FOR EPA AND DHA OMEGA-3S

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Sohouli, M. H., Rohani, P., Nasehi, M. M., & Hekmatdoost, A. (2023). Changes in serum brain-derived neurotrophic factor following supplementation of omega 3 fatty acids: A systematic review and Meta-Regression analysis. *Clinical nutrition ESPEN*, 56, 207–214. <https://doi.org/10.1016/j.clnesp.2023.05.019>

Miroult, C., Lasserre, J., & Toma, S. (2023). Effects of Omega-3 as an adjuvant in the treatment of periodontal disease: A systematic review and meta-analysis. *Clinical and experimental dental research*, 10.1002/cre2.736. Advance online publication. <https://doi.org/10.1002/cre2.736>

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Guarneiri, L. L., Wilcox, M. L., & Maki, K. C. (2023). Comparison of the effects of a phospholipid-enhanced fish oil versus krill oil product on plasma levels of eicosapentaenoic and docosahexaenoic acids after acute administration: A randomized, double-blind, crossover



GLOBAL ORGANIZATION FOR EPA AND DHA OMEGA-3S

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GLOBAL ORGANIZATION FOR EPA AND DHA OMEGA-3S

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Mac Giollabhui, N., Mischoulon, D., Dunlop, B. W., Kinkead, B., Schettler, P. J., Liu, R. T., Okereke, O. I., Lamon-Fava, S., Fava, M., & Rapaport, M. H. (2023). Individuals with depression exhibiting a pro-inflammatory phenotype receiving omega-3 polyunsaturated fatty acids experience improved motivation-related cognitive function: Preliminary results from a randomized controlled trial. *Brain, behavior, & immunity - health*, 32, 100666. <https://doi.org/10.1016/j.bbih.2023.100666>