

1. Record Nr.	UNINA9910598003803321
Titolo	DHA for optimal health // edited by Barbara Meyer
Pubbl/distr/stampa	Basel, Switzerland : , : MDPI - Multidisciplinary Digital Publishing Institute, , [2018] ©2018
Descrizione fisica	1 online resource (266 pages)
Disciplina	612.397
Soggetti	Docosahexaenoic acid - Health aspects
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	About the Special Issue Editor -- Preface to "DHA for Optimal Health" -- Samaneh Ghasemifard, Andrew J. Sinclair, Gunveen Kaur, Paul Lewandowski and Giovanni M. Turchin / What Is the Most Effective Way of Increasing the Bioavailability of Dietary Long Chain Omega-3 Fatty Acids-Daily vs. Weekly Administration of Fish Oil?, doi: 10.3390/nu7075241 -- Celia G. Walker, Annette L. West, Lucy M. Browning, Jackie Madden, Joanna M. Gambell, Susan A. Jebb and Philip C. Calder / The Pattern of Fatty Acids Displaced by EPA and DHA Following 12 Months Supplementation Varies between Blood Cell and Plasma Fractions, doi: 10.3390/nu7085285 -- Rodrigo Valenzuela, Karla A. Bascuñán, Rodrigo Chamorro, Cynthia Barrera, Jorge Sandoval, Claudia Puigredon, Gloria Parraguez, Paula Orellana, Valeria Gonzalez and Alfonso Valenzuela / Modification of Docosahexaenoic Acid Composition of Milk from Nursing Women Who Received Alpha Linolenic Acid from Chia Oil during Gestation and Nursing, doi: 10.3390/nu7085289 -- Kohji Nagayama, Katsutaro Morino, Osamu Sekine, Fumiyuki Nakagawa, Atsushi Ishikado, Hirotaka Iwasaki, Takashi Okada, Masashi Tawa, Daisuke Sato, Takeshi Imamura, Yoshihiko Nishio, Satoshi Ugi, Atsunori Kashiwagi, Tomio Okamura and Hiroshi Maegawa / Duality of n-3 Polyunsaturated Fatty Acids on Mcp-1 Expression in Vascular Smooth Muscle: A Potential Role of 4-Hydroxy Hexenal, doi: 10.3390/nu7095381 -- Flavia Fayet-Moore, Katrine Baghurst and Barbara J. Meyer / Four Models Including Fish, Seafood,

Red Meat and Enriched Foods to Achieve Australian Dietary Recommendations for n-3 LCPUFA for All Life-Stages, doi: 10.3390/nu7105413 -- You Li, Hong-tian Li, Leonardo Trasande, Hua Ge, Li-xia Yu, Gao-sheng Xu, Man-xi Bai and Jian-meng Liu / DHA in Pregnant and Lactating Women from Coastland, Lakeland, and Inland Areas of China: Results of a DHA Evaluation in Women (DEW) Study, doi: 10.3390/nu7105428 -- Marwa E. Elsherbiny, Susan Goruk, Elizabeth A. Monckton, Caroline Richard, Miranda Brun, Marwan Emara, Catherine J. Field and Roseline Godbout / Long-Term Effect of Docosahexaenoic Acid Feeding on Lipid Composition and Brain Fatty Acid-Binding Protein Expression in Rats, doi: 10.3390/nu7105433 -- Inge S. M. van der Wurff, Clemens von Schacky, Kjetil Berge, Maurice P. Zeegers, Paul A. Kirschner and Renate H. M. de Groot / Association between Blood Omega-3 Index and Cognition in Typically Developing Dutch Adolescents, doi: 10.3390/nu8010013 -- Lotte Lauritzen, Paolo Brambilla, Alessandra Mazzocchi, Laurine B. S. Harsløf, Valentina Ciappolino and Carlo Agostoni / DHA Effects in Brain Development and Function, doi: 10.3390/nu8010006 -- Mahinda Y. Abeywardena, Michael Adams, Julie Dallimore and Soressa M. Kitessa / Rise in DPA Following SDA-Rich Dietary Echium Oil Less Effective in Affording Anti-Arrhythmic Actions Compared to High DHA Levels Achieved with Fish Oil in Sprague-Dawley Rats, doi: 10.3390/nu8010014 -- Zhe Shi, Di Wu, Jian-Ping Yao, Xiaoli Yao, Zhijian Huang, Peng Li, Jian-Bo Wan, Chengwei He and Huanxing Su / Protection against Oxygen-Glucose Deprivation/Reperfusion Injury in Cortical Neurons by Combining Omega-3 Polyunsaturated Acid with Lyciumbarbarum Polysaccharide, doi: 10.3390/nu8010041 -- Jinying Zheng, Chuan Peng, Yanbiao Ai, Heng Wang, Xiaoqiu Xiao and Jibin Li / Docosahexaenoic Acid Ameliorates Fructose-Induced Hepatic Steatosis Involving ER Stress Response in Primary Mouse Hepatocytes, doi: 10.3390/nu8010055 -- Bo Yang, Mei-Qi Shi, Zi-Hao Li, Jian-Jun Yang and Duo Li / Fish, Long-Chain n-3 PUFA and Incidence of Elevated Blood Pressure: A Meta-Analysis of Prospective Cohort Studies, doi: 10.3390/nu8010058 -- Michael J. Weiser, Christopher M. Butt and M. Hasan Mohajeri / Docosahexaenoic Acid and Cognition throughout the Lifespan, doi: 10.3390/nu8020099 -- Barbara J. Meyer / Australians are not Meeting the Recommended Intakes for Omega-3 Long Chain Polyunsaturated Fatty Acids: Results of an Analysis from the 2011-2012 National Nutrition and Physical Activity Survey, doi: 10.3390/nu8030111 -- Anne Marie Minihane / Impact of Genotype on EPA and DHA Status and Responsiveness to Increased Intakes, doi: 10.3390/nu8030123 -- Meng-Jiao Liu, Hong-Tian Li, Li-Xia Yu, Gao-Sheng Xu, Hua Ge, Lin-Lin Wang, Ya-Li Zhang, Yu-Bo Zhou, You Li, Man-Xi Bai and Jian-Meng Liu / A Correlation Study of DHA Dietary Intake and Plasma, Erythrocyte and Breast Milk DHA Concentrations in Lactating Women from Coastland, Lakeland, and Inland Areas of China, doi: 10.3390/nu8050312.

Sommario/riassunto

This Special Issue of Nutrients, entitled "DHA for Optimal Health", consists of evidence-based original research or reviews of the scientific literature. Manuscripts focus on the evidence that underpins dietary requirements throughout the lifespan (from in-utero to the elderly) for optimal brain function and/or prevention (or treatment) of disease.
