Papers on infant formula and related nutritional components

Direct effect of 2-palmitoyl glycerol on promotion of gamma aminobutyric acid synthesis in normal human fetal-derived astrocytes. (2022)	Author	Misato Tsuboi <sup>1),2)</sup> , Yoshitaka Nakamura <sup>1)</sup> , Hiroshi Sakuma <sup>2),3)</sup> 1) Food Microbiology and Function Research Laboratories, R&D Division, Meiji Co., Ltd. 2) Department of Pediatric Neurology, Niigata University Graduate School of Medical and Dental Sciences. 3) Department of Brain and Neuroscience, Tokyo Metropolitan Institute of Medical Science.  FEBS Open Bio 13(2023)1320-1332 (2022)
Highest concentration of breast-milk-derived exosomes in colostrum. (2022)	Author	<ul> <li>Ohta M <sup>1)</sup>, Koshida S <sup>2)</sup>, Jimbo I <sup>3)</sup>, Oda M <sup>3),4)</sup>, Inoue R <sup>3),4)</sup>, Tsukahara T <sup>5)</sup>, Terahara M <sup>6)</sup>, Nakamura Y <sup>7)</sup>, Maruo Y <sup>1)</sup></li> <li>1) Department of Pediatrics, Shiga University of Medical Science.</li> <li>2) Perinatal Center, Shiga University of Medical Science.</li> <li>3) Laboratory of Animal Science, Department of Agricultural and Life Sciences, Kyoto Prefectural University.</li> <li>4) Laboratory of Animal Science, Department of Applied Biological Sciences, Faculty of Agriculture, Setsunan University - Hirakata Campus.</li> <li>5) Kyoto Institute of Nutrition &amp; Pathology.</li> <li>6) R&amp;D Management Department, Meiji Co., Ltd.</li> <li>7) Food Microbiology and Function Research Laboratories, Meiji Co., Ltd.</li> <li>Pediatrics International 64 (1), e15346 (2022)</li> </ul>
Maternal Consumption of Dairy Products during Pregnancy Is Associated with Decreased Risk of Emotional Problems in 5-Year-olds: The Kyushu Okinawa Maternal and Child Health Study. (2022)	Author	<ol> <li>Nguyen M.Q¹¹, Miyake Y²!,³!,⁴!,⁵, Tanaka K²!,³!,⁴!,⁵, Hasuo S¹¹, Takahashi K⁶!, Nakamura Y¹¹, Okubo H²!,⁻!,ð!, Sasaki S³¹, and Arakawa M¹¹!,¹!</li> <li>Food Microbiology and Function Research Laboratories, R&amp;D Division, Meiji Co., Ltd., Tokyo 192-0919, Japan.</li> <li>Department of Epidemiology and Public Health, Ehime University Graduate School of Medicine, Matsuyama 791-0295, Japan.</li> <li>Integrated Medical and Agricultural School of Public Health, Ehime University, Matsuyama 791-0295, Japan.</li> <li>Research Promotion Unit, Translational Research Center, Ehime University Hospital, Matsuyama 791-0295, Japan.</li> <li>Center for Data Science, Ehime University, Matsuyama 790-8577, Japan.</li> <li>Food Science and Technology Research Laboratories, R&amp;D Division, Meiji Co., Ltd., Tokyo 192-0919, Japan.</li> </ol>

Infant Nutrition Research Japan Environment and Children's Study Programme Office, National Institute for Environmental Studies, Osaka 305-8506, Japan. 9) Japan Society for the Promotion of Science, Tokyo 102-0083, Japan. 10) Department of Social and Preventive Epidemiology, School of Public Health, The University of Tokyo, Tokyo 192-0397, Japan. 11) Wellness Research Fields, Faculty of Global and Regional Studies, University of the Ryukyus, Tomigusuku 903-0213, Japan. 12) 11) The Department of Cross Cultural Studies, Osaka University of Tourism, Tomigusuku 590-0493, Japan. Journal Nutrients 14 (22), 4713 (2022) Satsuki Totsu<sup>1)</sup>, Ayako Nishiyama<sup>2),3)</sup>, Masaki Terahara<sup>4)</sup>, Masaki Wada<sup>5)</sup>, and Satoshi Kusuda<sup>6),7)</sup> 1) Department of Neonatal Medicine, Sanno Hospital 2) Department of Pediatrics, Shiseikai Daini Hospital Effect of Bifidobacterium Bifidum Author 3) Nishiyamakodomo Clinic Administration on Term Infants at 1 4) R&D Management Department, Meiji Co., Ltd year of Age: An Open-Label 5) Department of Neonatology, Tokyo women's Randomized Control Trial. (2022) Medical University 6) Neonatal Research Network of Japan 7) Department of Pediatrics, Kyorin University British Journal of Gastroenterology 4(1): 229-234 Journal (2022)Masaki Terahara<sup>1)</sup>, Yoshitaka Nakamura<sup>2)</sup>, Misato Tsuboi<sup>3)</sup>, Shinji Jinno<sup>2)</sup>, Takamitsu Tsukahara<sup>3)</sup>, Takao Miyake<sup>4)</sup>, Naoki Shimojo<sup>5)</sup> 1) R&D Management Department, Meiji Co., Ltd Effects of the intake of non-live 2) Food Microbiology and Function Research Author Bifidobacterium bifidum on the faecal Laboratories, Meiji Co., Ltd IgA of full-term infants: a double-3) Kyoto Institute of Nutrition & Pathology Inc blind, randomised, placebo-controlled 4) Miyake Women's Clinic study. (2021) 5) Center for Preventive Medical Sciences, Chiba University Bioscience of Microbiota, Food and Health 40 (4), Journal 196-203 (2021) Motoki Ohta<sup>1)</sup>, Shigeki Koshida<sup>2)</sup>, Itsuki Jimbo<sup>3)</sup>, Machi Oda<sup>3),4)</sup>, Ryo Inoue<sup>3),4)</sup>, Takamitsu Tsukahara<sup>5)</sup>, Masaki Terahara<sup>6)</sup>, Takahide Yanagi<sup>1)</sup>, Sayuri Nakahara<sup>1)</sup>, Masami Shibata<sup>1)</sup>, Hidemi Tsutsui<sup>1)</sup>, Daisuke Yoshida<sup>1)</sup>, Ouki Furukawa<sup>1)</sup>, Yoshihiro Maruo<sup>1)</sup> Chronological changes of serum 1) Department of Pediatrics, Shiga University of exosome in preterm infants: A Author Medical Science prospective study. (2021) 2) Perinatal Center, Shiga University of Medical Science 3) Laboratory of Animal Science, Department of Agricultural and Life Sciences, Kyoto Prefectural University 4) Laboratory of Animal Science, Department of

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		Applied Biological Sciences, Faculty of Agriculture, Setsunan University 5) Kyoto Institute of Nutrition & Pathology 6) R&D Management Department, Meiji Co., Ltd
	Journal	Pediatric International 27 (2021) doi: 10.1111/ped.14933
Daily protein and energy intakes of infants fed a commercial infant formula with a reduced protein concentration of 2.2 g/100 kcal: an impact of feeding interval on energy intake. (2020)	Author	<ul> <li>Shinji Jinno <sup>1)</sup>, Kae Yamazaki <sup>1)</sup>, Yoshitaka Nakamura <sup>1)</sup>, Toshi Kinouchi <sup>2)</sup></li> <li>1) Nutrition Research Department, Food Microbiology and Function Research Laboratories, R&amp;D Division, Meiji Co., Ltd.</li> <li>2) Marketing Solution Department, Marketing &amp; Development Management Division, Meiji Co., Ltd.</li> </ul>
	Journal	Bioscience, Biotechnology, and Biochemistry (2020) <a href="https://doi.org/10.1080/09168451.2020.1722609">https://doi.org/10.1080/09168451.2020.1722609</a>
Calcium intake during pregnancy is associated with decreased risk of emotional and hyperactivity problems in five-year-old Japanese children. (2019)	Author	<ul> <li>Keiji Takahashi<sup>1)2)</sup>, Keiko Tanaka<sup>1)3)</sup>, Yoshitaka Nakamura<sup>2)</sup>, Hitomi Okubo<sup>1)</sup>, Satoshi Sasaki<sup>4)</sup>, Masashi Arakawa<sup>5)</sup> and Yoshihiro Miyake<sup>1)3)</sup></li> <li>1) Department of Epidemiology and Preventive Medicine, Ehime University Graduate School of Medicine</li> <li>2) Food Science &amp; Technology Research Laboratories, R&amp;D Division, Meiji CO., Ltd.</li> <li>3) Epidemiology and Medical Statistics Unit, Translational Reserach Center, Ehime University Hospital</li> <li>4) Department of Social and Preventive Epidemiology, Graduate School of Medicine, The University of Tokyo</li> <li>5) Health Tourism Research Fields, Graduate School of Tourism Sciences, University of the Ryukyus</li> </ul>
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Estimation of daily selenium intake by 3- to 5-year-old Japanese children based on selenium excretion in 24-h urine samples. (2019)	Author	Yoshitaka Nakamura <sup>1)</sup> , Michiko Fukushima <sup>2)</sup> , Seiko Hoshi <sup>3)</sup> , Amares Chatt <sup>4)</sup> and Takashi Sakata <sup>2)</sup> 1) Food Science & Technology Research Laboratories, Meiji Co., Ltd. 2) Ishinomaki Senshu University 3) Shokei Gakuin University 4) Department of Chemistry, Dalhousie University
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Growth of term infants fed a commercial infant formula with a	Author	Shinji Jinno, Kae Yamazaki, Yoshitaka Nakamura and Toshi Kinouchi

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Poor Bifidobacterial Colonization Is Associated with Late Provision of Colostrum and Improved with Probiotic Supplementation in Low Birth Weight Infants. (2019)	Author	Katsunori Tanaka <sup>1)2)</sup> , Yoshitaka Nakamura <sup>3)</sup> , Masaki Terahara <sup>3)</sup> , Takahide Yanagi <sup>1)</sup> , Sayuri Nakahara <sup>1)</sup> , Ouki Furukawa <sup>1)</sup> , Hidemi Tsutsui <sup>1)</sup> , Ryo Inoue <sup>4)</sup> , Takamitsu Tukahara <sup>5)</sup> and Shigeki Koshida <sup>6)</sup> 1) Department of Pediatrics, shiga University of Medical Science 2) Department of Pediatrics, National Hospital Organization Higashi-Ohmi General Medical Center 3) Food Science & Technology Research Laboratiries, Meiji Co.,Ltd. 4) Department of Agricultural and Life Sciences, Kyoto Prefectural University 5) Kyoto Institute of Nutrition & Pathology 6) Department of Community Perinatal Medicine, Shiga University of Medical Science
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Probiotics and the development of very-low-birth-weight infants: Follow up study of a randomized trial. (2018)	Author	Satsuki Totsu, Masaki Terahara, Satoshi Kusuda
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Administration of fructooligosaccharides increase the expression of the secretory component with the production of immunoglobulin A in the intestinal tract of suckling mouse (2004)Dietary fructooligosaccharides up-regulate immunoglobulin A response and polymeric immunoglobulin receptor expression in intestines of infant mice	Author	Nakamura Y, Nosaka S, Suzuki M, Nagafuchi S, Takahashi T, Yajima T, Takenouchi-Ohkubo N, Iwase T, Moro I
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	Journal	Bioscience Biotechnology Biochemistry 64(7) 1459-1465 (2000)
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