List of Publications

Leo Lahti Phd 2024-02-19

[Heiskanen2024] Marja Heiskanen, Anna Aatsinki, Petra Hakonen, Noora Kartiosuo, Eveliina Munukka, Leo Lahti, Anniina Keskitalo, Pentti Huovinen, Harri Niinikoski, Jorma Viikari, Tapani Rönnemaa, Hanna Lagström, Antti Jula, Olli Raitakari, Suvi Rovio, Katja Pahkala. "Association of Long-Term Habitual Dietary Fiber Intake since Infancy with Gut Microbiota Composition in Young Adulthood". In: {The Journal of Nutrition} (2024), pp. 744-754. doi: 10.1016/j.tjnut.2024.01.008.

[Ojala2024] Ronja Ojala, Jaakko Hentilä, Martin Lietzén, Milja Arponen, Marja Heiskanen, Sanna Honkala, Heidi Virtanen, Kalle Koskensalo, Riikka Lautamäki, Eliisa Löyttyniemi, Riitta Parkkola, Olli Heinonen, Tarja Malm, Leo Lahti, Juha Rinne, Olli Eskola, Johan Rajander, Kirsi Pietiläinen, Jaakko Kaprio, Kaisa Ivaska, Jarna Hannukainen. "Bone marrow metabolism is affected by body weight and response to exercise training varies according to anatomical location". In: {Diabetes, Obesity and Metabolism} (2024), pp. 251-261. doi: 10.1111/dom.15311.

[Eckermann2024] Henrik Eckermann, Jennifer Meijer, Kelly Cooijmans, Leo Lahti, Carolina Weerth. "Daily skin-to-skin contact alters microbiota development in healthy full-term infants". In: {Gut Microbes} (2024), pp. No pages available. doi: 10.1080/19490976.2023.2295403.

[König2024] Emilia König, Paulina Heponiemi, Sanni Kivinen, Jaakko Räkköläinen, Shea Beasley, Tuomas Borman, Maria Collado, Vilja Hukkinen, Jouni Junnila, Leo Lahti, Marianna Norring, Virpi Piirainen, Seppo Salminen, Mari Heinonen, Anna Valros. "{Fewer culturable Lactobacillaceae species identified in faecal samples of pigs performing manipulative behaviour}". In: {Scientific Reports} (2024), pp. No pages available. doi: 10.1038/s41598-023-50791-0.

[Huovinen2023] Venla Huovinen, Anna-Katariina Aatsinki, Eeva-Leena Kataja, Eveliina Munukka, Anniina Keskitalo, Santosh Lamichhane, Peppi Raunioniemi, David Bridgett, Leo Lahti, Siobhain O'Mahony, Alex Dickens, Riikka Korja, Hasse Karlsson, Saara Nolvi, Linnea Karlsson. "Infant gut microbiota and negative and fear reactivity". In: Development and Psychopathology (2023), pp. 1-16. doi: 10.1017/S0954579423001396.

[MarcosZambrano2023] Laura Marcos-Zambrano, Víctor López-Molina, Burcu Bakir-Gungor, Marcus Frohme, Kanita Karaduzovic-Hadziabdic, Thomas Klammsteiner, Eliana Ibrahimi, Leo Lahti, Tatjana Loncar-Turukalo, Xhilda Dhamo, Andrea Simeon, Alina Nechyporenko, Gianvito Pio, Piotr Przymus, Alexia Sampri, Vladimir Trajkovik, Blanca Lacruz-Pleguezuelos, Oliver Aasmets, Ricardo Araujo, Ioannis Anagnostopoulos, Önder Aydemir, Magali Berland, M. Calle, Michelangelo Ceci, Hatice Duman, Aycan Gündoğdu, Aki Havulinna, Kardokh Bra, Eglantina Kalluci, Sercan Karav, Daniel Lode, Marta Lopes, Patrick May, Bram Nap, Miroslava Nedyalkova, Inês Paciência, Lejla Pasic, Meritxell Pujolassos, Rajesh Shigdel, Antonio Susín, Ines Thiele, Ciprian-Octavian Truică, Paul Wilmes, Ercument Yilmaz, Malik Yousef, Marcus Claesson, Jaak Truu, Enrique Santa Pau. "A toolbox of machine learning software to support microbiome analysis". In: Frontiers in Microbiology (2023), pp. No pages available. doi: 10.3389/fmicb.2023.1250806.

[Koponen2023] Kari Koponen, Oleg Kambur, Bijoy Joseph, Matti Ruuskanen, Pekka Jousilahti, Rodolfo Salido, Caitriona Brennan, Mohit Jain, Guillaume Meric, Michael Inouye, Leo Lahti, Teemu Niiranen, Aki Havulinna, Rob Knight, Veikko Salomaa. "{Role of Gut Microbiota in Statin-Associated New-Onset Diabetes—a Cross-Sectional and Prospective Analysis of the FINRISK 2002 Cohort}". In: {Arteriosclerosis, Thrombosis, and Vascular Biology} (2023), pp. No pages available. doi: 10.1161/ATVBAHA.123.319458.

[Raulo2023] Aura Raulo, Alexis Rojas, Björn Kröger, Antti Laaksonen, Carlos Orta, Silva Nurmio, Mirva Peltoniemi, Leo Lahti, Indré Žliobaitė. "What are patterns of rise and decline?". In: {The Royal Society of Open Science} (2023), pp. No pages available. doi: 10.1098/rsos.230052.

[Kaisanlahti2023] Anna Kaisanlahti, Jenni Turunen, Nadiya Byts, Anatoliy Samoylenko, Genevieve Bart, Nikke Virtanen, Mysore Tejesvi, Artem Zhyvolozhnyi, Sonia Sarfraz, Sohvi Kumpula, Jenni Hekkala, Sonja Salmi, Olga Will, Johanna Korvala, Niko Paalanne, Pande Erawijantari, Marko Suokas, Tuula Medina, Seppo Vainio, Oula Medina, Leo Lahti, Terhi Tapiainen, Justus Reunanen. "Maternal microbiota communicates with the fetus through microbiota-derived extracellular vesicles". In: {BMC Microbiome} (2023), pp. No pages available. doi: 10.1186/s40168-023-01694-9.

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[DElia2023] Domenica D'Elia, Jaak Truu, Leo Lahti, Magali Berland, Georgios Papoutsoglou, Michelangelo Ceci, Aldert Zomer, Marta Lopes, Eliana Ibrahimi, Aleksandra Gruca, Alina Nechyporenko, Marcus Frohme, Thomas Carrillo-de Santa Pau, Laura Marcos-Zambrano, Karel Hron, Gianvito Pio, Andrea Simeon, Ramona Suharoschi, Isabel Moreno-Indias, Andriy Temko, Miroslava Nedyalkova, Elena-Simona Apostol, Ciprian-Octavian Truică, Rajesh Shigdel, Jasminka Hasić-Telalović, Erik Bongcam-Rudloff, Piotr Przymus, Naida Jordamović, Laurent Falquet, Sonia Tarazona, Alexia Sampri, Gaetano Isola, David Pérez-Serrano, Vladimir Trajkovik, Lubos Klucar, Tatjana Loncar-Turukalo, Aki Havulinna, Christian Jansen, Randi Claesson. "{Advancing microbiome research with machinelearning:key findings from the ML4Microbiome COST action}". In: Frontiers in Microbiology (2023), pp. No pages available. doi: 10.3389/fmicb.2023.1257002.

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[Gao2023] Yu Gao, Yağmur Şimşek, Emma Gheysen, Tuomas Borman, Yi Li, Leo Lahti, Karoline Faust, Daniel Garza. "miaSim: an R/Bioconductor package to easily simulate microbial community dynamics". In: Methods in Ecology and Evolution (2023), pp. 1967-1980. doi: 10.1111/2041-210X.14129.

[Aatsinki2023] Anna-Katariina Aatsinki, Jetro Tuulari, Eveliina Munukka, Leo Lahti, Anniina Keskitalo, Henna-Maria Kailanto, Saara Nolvi, Noora Scheinin, Jani Saunavaara, Riitta Parkkola, John Lewis, Niloofar Hashempour, Satu Shulist, Linnea Karlsson, Hasse Karlsson. "Infant Left Amygdala Volume Is Negatively Associated with Fecal Microbiota Diversity". In: bioRxiv preprint (2023), pp. No pages available. doi: 10.1101/2023.04.23.537273.

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[Rahkola2023] Ella Rahkola, Samuli Rautava, Henni Hiltunen, Chandler Ross, Leo Lahti, Erika Isolauri. "The preterm gut microbiota and administration routes of different probiotics: a randomized controlled trial". In: Pediatric research (2023), pp. No pages available. doi: 10.1038/s41390-023-02560-y.

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[Ndairou2023] Faïçal Ndaïrou, Moein Khalighi, Leo Lahti. "Ebola epidemic model with dynamic population and memory". In: Chaos, Solitons and Fractals (2023), pp. 113361. doi: 10.1016/j.chaos.2023.113361.

[FeldnerBusztin2023] Dylan Feldner-Busztin, Panos Nisantzis, Shelley Edmunds, Gergely Boza, Fernando Racimo, Shyam Gopalakrishnan, Morten Limborg, Leo Lahti, Gonzalo Polavieja. "Dealing with dimensionality: the application of machine learning to multi-omics data". In: Bioinformatics (2023), pp. No pages available. doi: 10.1093/bioinformatics/btad021.

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[Keskitalo2022] Anniina Keskitalo, Eveliina Munukka, Anna Aatsinki, Wisam Saleem, Noora Kartiosuo, Leo Lahti, Pentti Huovinen, Laura Elo, Sami Pietilä, Suvi Rovio, Harri Niinikoski, Jorma Viikari, Tapani Rönnemaa, Hanna Lagström, Antti Jula, Olli Raitakari, Katja Pahkala. "{An Infancy-Onset 20-Year Dietary Counselling Intervention and Gut Microbiota Composition in Adulthood}". In: Nutrients (2022), pp. 2667. doi: 10.3390/nu14132667.

[Umerle2022] Tomasz Umerle, Giovanni Colavizza, Elżbieta Herden, Rindert Jagersma, Peter Kiraly, Beata Koper, Leo Lahti, David Lindemann, Jakub Łubocki, Vojtěch Malínek, Alexandra Milanova, Róbert Péter, Nanette Rißler-Pipka, Matteo Romanello, Marcin Roszkowski, Dorota Siwecka, Mikko Tolonen, Ondřej Vimr. "{An Analysis of the Current Bibliographical Data Landscape in the Humanities. A Case for the Joint Bibliodata Agendas of Public Stakeholders}". In: Zenodo (2022), pp. No pages available. doi: 10.5281/zenodo.6559857.

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