

## Literature list BMED 381 *Biomedical Nutrition Physiology* 2018

Lecture by Kaja Skjærven

Padmanabhan, N., Jia, D., Geary-Joo, C., Wu, X., Ferguson-Smith, A.C., Fung, E., Bieda, M.C., Snyder, F.F., Gravel, R.A., Cross, J.C., and Watson, E.D., *Mutation in folate metabolism causes epigenetic instability and transgenerational effects on development*. Cell, 2013. 155 p. 81-93.

Lecture by Even Fjære

Kien CL, Bunn JY, Fukagawa NK, Anathy V, Matthews DE, Crain KI, Ebenstein DB, Tarleton EK, Pratley RE, Poynter ME 2015. *Lipidomic evidence that lowering the typical dietary palmitate to oleate ratio in humans decreases the leukocyte production of proinflammatory cytokines and muscle expression of redox-sensitive genes*. Journal of Nutritional Biochemistry 26:1599–1606. DOI: 10.1016/j.jnutbio.2015.07.014.

Lecture by Jutta Dierkes

Smith, J.D., Hou, T., Ludwig, D.S., Rimm, E.B., Willett, W., Hu, F.B. and Mozaffarian, D., *Changes in intake of protein foods, carbohydrate amount and quality, and long-term weight change: results from 3 prospective cohorts*. American Journal of Clinical Nutrition 2015. **101**: p1216–24.

Lecture by Lene Secher Myrmel

Hao, Q., Lillefosse, H.H., Fjaere, E., Myrmel, L.S., Midtbo, L.K., Jarlsby, R.H., Ma, T., Jia, B., Petersen, R.K., Sonne, S.B., Chwalibog, A., Frøyland, L., Liaset, B., Kristiansen, K., Madsen, L. *High-glycemic index carbohydrates abrogate the antiobesity effect of fish oil in mice*. Am J Physiol Endocrinol Metab 302, 2012. 302(9) p. 1097-1112.

Lecture by Maria Wik Markhus

MariaWik Markhus 1,\* , Lisbeth Dahl 1 , Vibeke Moe 2, Marianne Hope Abel 3,4 , Anne Lise Brantsæter 3 , Jannike Øyen 1 , Helle Margrete Meltzer 3 , Kjell Morten Stormark 5, Ingvild Eide Graff 1, Lars Smith 2 and Marian Kjelleevold 1. *Maternal Iodine Status is Associated with Offspring. Language Skills in Infancy and Toddlerhood*. MDPI nutrients. 2018.

Lecture by Nachiket Marathe

Louis, P., P. Young, G. Holtrop, and H. J. Flint, *Diversity of human colonic butyrate-producing bacteria revealed by analysis of the butyryl-CoA:acetate CoA-transferase gene*. Environmental Microbiology, 2010. 12(2): p. 304-314.

Lecture by Karl-Johan Tronstad

Bryan G. Allen, SudershanK.Bhatia, Carryn M. Anderson, Julie M. Eichenberger-Gilmore, Zita A. Sibenaller, Kranti A. Mapuskar, Joshua D. Schoenfeld, John M. Buatti, Douglas R. Spitz, Melissa A. Fath, *Molecular mechanisms for mitochondrial adaptation to exercise training in skeletal muscle*. Redox Biology. 2014.

Lecture by Nils Halberg

Joao Incio, Hao Liu, Priya Suboj, Shan M. Chin, Ivy X. Chen, Matthias Pinter, Mei R. Ng, Hadi T. Nia, Jelena Grahovac, Shannon Kao, Suboj Babykutty, Yuhui Huang, Keehoon Jung, Nuh N. Rahbari, Xiaoxing Han, Vikash P. Chauhan, John D. Martin, Julia Kahn, Peigen Huang, Vikram Desphande, James Michaelson, Theodoros P. Michelakos, Cristina R. Ferrone, Raquel Soares, Yves Boucher, Dai Fukumura, and Rakesh K. Jain. *Obesity-Induced Inflammation and Desmoplasia Promote Pancreatic Cancer Progression and Resistance to Chemotherapy*. Nature Reviews Cancer, August 2015, Volume 15: 484-497.

Lecture by Tanja Kögel

Qiqing Chen, Michael Gundlach, Shouye Yang, Jing Jiang, Mirna Velki, Daqiang Yin, Henner Hollert  
*Quantitative investigation of the mechanisms of microplastics and nanoplastics toward zebrafish larvae locomotor activity*. Science of the Total Environment. 2017.