

Literature list BMED 381 *Biomedical Nutrition Physiology* 2017

Block 1: 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.

Block 2: Øystein Sæle

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.

Block 3: Bjørn Liaset

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.

Block 4: 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., Frøylund, 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.

Block 5: Marian Kjellevoid/Maria Wik Markhus

Bath, S.C., Steer, C.D., Golding, J., Emmett, P., Rayman, M.P. *Effect of inadequate status in UK pregnant women on cognitive outcomes in their children: results from the Avon Longitudinal Study of Parents and Children (ALSPAC)*. Lancet, 2013. 382: 331-337.

Block 6: Tanja Kögel

Dingemans, M.M.L. , de Groot, A., R. G.D. von Kleef, Bergmann, Å, van den Berg, M, Vijverberg, H.P.M., Westerink, E.H.S. *Hydroxylation Increases the Neurotoxic Potential of BDE-47 to Affect Exocytosis and Calcium Homeostasis in PC12 Cells*. Environmental Health Perspectives, 2008, May, Volume 116,5: 637-643.

Block 7: Karl-Johan Tronstad

Drake, J.C., R.J. Wilson, and Z. Yan, *Molecular mechanisms for mitochondrial adaptation to exercise training in skeletal muscle*. FASEB, 2016. **30**(1): p13-22

Block 8: Nils Halberg

Renehan, A.G., Zwahlen, M., Egger, M. Adiposity and cancer risk: new mechanistic insights from epidemiology. Nature Reviews Cancer, August 2015, Volume 15: 484-497.

Block 9: Irja Sunde Roiha

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.