

Minutes of the TRIM fall meeting 2013

First half year staff meeting and progress report

Date and place: 2nd of October 2013 in the Closer-to-Nature suite at Arla Food Ingredients, Sønderhøj 14 in Viby.

Present at the meeting: Christian Heegaard (Aarhus University, AU), Torben Ellebæk Petersen (AU), Sergey Fedosov (AU), Christian Juul (AU), Margit Skriver Rasmussen (AU), Anja Serena (Arla Foods Ingredients, AFI), Lotte Neergaard (AFI), Jesper Villadsen (AFI), Ebba Nexø (Aarhus University Hospital, AUH), Linda Kornerup (AUH), Christian Hvas (AUH), Inger Marie Jensen (AUH), Jette Fisker (AUH), and Eva Greibe (AUH).

All participant signed a confidentially agreement at the meeting.

Welcome by Group Leader Christian Heegaard

Christian Heegaard informs about the signed co-operation agreement between AU, AUH and Arla with a specific emphasize on the agreement on confidentiality. Christian Heegaard also informs about the annual accounts and reporting of the project to the Danish Council for Strategic Research. Christian Heegaard outlines the background, hypothesis and aim of the TRIM project and explains the overall status of the five Work Packages (WPs) in relation to the TRIM time schedule.

Christian Juul: Presentation of the TRIM website

The website is built by Christian Juul and Eva Greibe. The TRIM logo is designed by Kristine Blans. Christian Heegaard and Christian Juul are website managers. The website has the address <http://trim-project.dk/>

Torben Ellebæk Petersen: Contents of milk (sharing of knowledge)

Torben Ellebæk Petersen lectures on the evolution of mammals and mammary glands. He explains the physiological changes in the mammary glands during pregnancy and lactation, and the origin and secretion of individual milk components such as lactose, milk fat, and milk proteins. Specific focus was given to lactose, trans-fats, casein micelles, and the proteins lactadherin, osteopontin, and NPC2

Jesper Villadsen: Industrial processing of milk (sharing of knowledge)

Jesper Villadsen outlines the transport and processing of milk performed by Arla and Arla Foods Ingredients. Jesper Villadsen also explains the origin of the milk fractions that currently is being investigated by TRIM partners.

Ebba Nexø: ELISA (sharing of knowledge)

Ebba Nexø gives a general introduction to the ELISA method and presents the status of developing a bovine transcobalamin (TC) ELISA for the TRIM project (WP2).

Christian Juul: Status on AU projects

Christian Juul presents the status of the AU projects. He focuses on the production of recombinant TC and the production and characterization of antibodies for the bovine TC ELISA (WP1). He also outlines the design of future project with relation to WP2 and WP3.

Eva Greibe: Status on AUH projects

Eva Greibe presents the status of the AUH projects.

She presents the results on the method and measurements of bovine TC and B12 in the milk fractions received from AFI. The preliminary quantification looks promising, and the characterization of the milk fractions will commence in order to select the optimal milk fractions for further use (WP2).

Eva Greibe suggests study designs for WP3 and WP4, and explains the optimal study design of the clinical trials.

Anja Serena: Follow up on milk fractions

Anja Serena reveals the results of B12-measurements made by an external commissioned provider of 11 different milk powders. The milk powders were given to AUH (Eva Greibe) in order to compare the figures with AUH B12 measurements.

Minutes were taken by Eva Greibe.