

Focus group: 1st Follow up meeting
DIO mouse model and diet composition
Munich 2013, May 13, 11.30am-4pm
Meet at Café/Bakery across the road from the
institute for lunchsnacks&coffee
Seminar room at the Institute for Diabetes and
Obesity (IDO)
Helmholtz Zentrum München
Business Campus Garching-Hochbrück
Parkring 13, 85748 Garching, Germany

Members: Mauricio Berriel Diaz, DKFZ Heidelberg
Johannes Beckers, HMGU
Jan Rozman, German Mouse Clinic
Carola Meyer, HMGU
Juliane Kampe, HMGU
Petra Wiedmer, MDC Berlin (not attending)
*Representative from MPI/Uni Cologne (Hella
Broenneke) (not attending)*

Agenda: excerpt from kick-off meeting protocol

Topic 5: Milestones

Short term:

Establish inventory of current DIO mouse models of icemed partners
(possibly non-icemed partners?)

Establish intranet platform+forum on icemed website (excel sheets, data
sets, linked to icemed partners, interactive)

Define research goal for focus group publication (to provide information
on relevant parameters before starting the experiment? What is already
out there in the literature?)

Organise 2nd focus group meeting mid may in Munich

ICEMED Alliance

Mid term:

Plan possible experiments (ie test different diets in one lab under similar research/laboratory conditions)

Long term:

Publication

Maintain/possibly extend icemed platform and forum on website

Topic 6: To do list

J Kampe – search/scan recent literature on current research diet/mouse model data of the last 12 months worldwide, check whether to include non-icemed scientists to the analysis

C Meyer – create excel table/template for inventarisierung/Meta analysis to send out to all icemed partners to fill in with existing data sets

P Wiedmer – information on intranet platform for icemed website (what is focus group?,...)

J Rozman – search/list available diet options to make animals obese/diabetic (what high caloric diets are available and used in germany?, make a list of different high fat diets)

J Beckers – coordinate list of most commonly used research diets, include cafeteria diet (high fat, high sucrose diet), which control diets?

M Berriel Diaz – mouse models (genetic background, sub-strain, supplier)

H Brönnecke – collect/analyse/coordinate existing data

All – establish platform within icemed alliance for standard protocols for research diets/mouse models, publish in high impact journal

The next meeting for the focus group is scheduled for the 13th May 2013 to evaluate literature search and data files from meta analysis.

Topic 7: Outcome: What are the questions/tasks for the focus group?

What is the gold standard for the “perfect” mouse model for diabetes research with respect to diet and strain?

Most current models in the literature and clinical studies are performed in male animals (tricky to get females diabetic). How can the data be translated to female models?

Create and establish “ICEMED standard” and make visible/accessible on PLATFORM+FORUM on icemed website through intranet (important to keep it internal).

Internal recommendations on icemed website for research diets, mouse strains for specific endpoints and disease parameters.

Establish an inventory among icemed partners with respect to animal models (diet, age, mouse strain, supplier,...) and specific endpoint in animal research (obese, diabetic mouse models)

Forum is essential: somebody needs to oversee information, update, define (ie which strain, supplier,...)

Draft questionnaire for all icemed partners for diet, mouse model to fill in:
Mouse strain (Jackson, ...)
Diet (Research diets, ...)

Additional items to discuss:

- Possible funding of PhD student through ICEMED – **Carola Meyer** will suggest/present proposal: What could be research plan (duration, topic,...)? Shared between ICEMED labs? Who would be “main” supervisor?
- Summary and Overview of diet-responsiveness of different mouse strains – **Mauricio Berriel Diaz**
- attendees to add...