

ZB MED - Informationszentrum Lebenswissenschaften

11th Day of the Doctoral Student

Seyfert, Hans-Martin

Dummerstorf, 2010

Content

urn:nbn:de:hbz:38m:1-30112

Content

Manfred Schwerin Preface	5
Sandra Andorf, Joachim Selbig, Thomas Altmann, Hanna Witucka-Wall and Dirk Repsilber Heterosis in <i>Arabidopsis thaliana</i> : A Metabolite Network Structure Approach	7
Anna Telaar, Dirk Repsilber and Gerd Nürnberg Finding biomarkers in pooled sample designs	11
Kunsuda Chomwisarutkun, Siriluck Ponsuksili, Eduard Murani and Klaus Wimmers Genome-wide and application-specific microarrays reveal genes and functional networks relevant to the predisposition for inverted teats in pigs	15
Nina Melzer, Dörte Wittenburg and Dirk Repsilber Simulating SNP data: influence of the simulation design on the extent of linkage disequilibrium	19
Vinzent Börner und Norbert Reinsch Gametische Genflussmethode: Ein Ansatz zur Berücksichtigung von genomischem Imprinting in der Zuchtplanung	23
Dana Janowski, Dawit Tesfaye, Hannelore Alm, Wolfgang Tomek, Torsten Viergutz und Helmut Torner Charakterisierung von bovinen Oozyten und deren umgebenen Follikelzellen in Beziehung zu ihrer Entwicklungskompetenz	27
Judith Kuzinski, Rudolph Zitnan, Torsten Viergutz, Elke Albrecht and Monika Schweigel Nutrition-dependent adaptation processes in ovine rumen	31
Julia Steinhoff, Solvig Görs, Rupert Bruckmaier, Ellen Kanitz, Cornelia C. Metges and Harald M. Hammon Postnatal adaptation of the glucose metabolism in newborn calves is dependent on colostrums feeding and ontogenesis	35
Simone Altmann, Eduard Murani, Cornelia C. Metges, Manfred Schwerin, Klaus Wimmers und Siriluck Ponsuksili Einfluss der maternalen Proteinernährung während der Gestation auf das Expressions- und DNA-Methylierungsprofil der Nachkommen	39
Sabine Schütze, Eduard Murani, Siriluck Ponsuksili und Klaus Wimmers Einflüsse von Polymorphismen in 5' regulierenden Abschnitten porciner Komplementgene auf ihre Expression und Merkmale der Tiergesundheit	43

“The youth knows mostly every thing,
except one thing:

That the old people also once knew every thing, until they really knew something.”

(Ernest Hemingway)

The Leibniz Institute for Farm Animal Biology is attaching special importance to the promotion of the new generation of academics. With currently 74 PhD students the number of students working in the FBN increased about three fold during the last year.

‘Promotion by demanding’ is the motto of the FBN in supervising the PhD students. The “Day of Doctoral students”, which we are holding annually since 2000, has meanwhile proved as a valuable exhibition-competition of our young academics. Within two groups (“Beginners”, and “Advanced students”) selected PhD projects are presented in a short form. The presentations are evaluated by a jury consisting of the heads of the research units and lecturers present and the best presentation of each group will be awarded. This slightly formalized presentation gives the up-and-coming academics the opportunity to practise an exactly terminated structured scientific talk. These presentations serve to preselect FBN-contributions for participation in important scientific events, such as the annual meetings of the Societies for Animal Breeding (DGfZ/GfT), Reproduction medicine (DVG/DGRM) and Nutrition Physiology (GfE).

Apart from finishing the doctoral thesis in time, contemporary publication of their results is required from the young scientists. With the current issue of the journal “Schriftenreihe des FBN” we first time give the advanced students the opportunity to publish their results in a citable journal and acquire first experiences in publication of scientific results.

I wish success to all PhD students in their further career as well as personal luck and well-being. As scientists in the area of living sciences, please feel always obliged to respect life, show consideration for the performance of other people, and stay curious to know.

Yours



Prof. Dr. Manfred Schwerin

Director