

Mo 1. April
Time: 17:00 h

Departement for
BioMedical Research
(DBMR)
Murtenstrasse 31, 3008
Bern
Langhans Hörsaal

Everybody is welcome

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Vera Regitz-Zagrosek
Director Insitut for
Gender in Medicine,
Charité Berlin; University
of Berlin (DE)

This lecture is hosted by
DBMR Prof. Robert
Rieben, co-organised
with Prof. Hugues Abriel
(IBMM) and the NCCR
TransCure

DBMR Research Conference and NCCR TransCure Lecture in Biology by Vera Regitz-Zagrosek

Sex and gender in basic and translational cardiovascular research

Women and men, female and male animals and cells are biologically different, and acknowledgement of this fact is critical to advancing medicine. However, incorporating concepts of sex-specific analysis in basic research is largely neglected, introducing bias into translational findings, clinical concepts and drug development. Research funding agencies recently approached these issues but implementation of policy changes in the scientific community is still limited, probably due to deficits in concepts, knowledge and proper methodology. The cardiovascular (CV) field may serve as a paradigm for others, since a significant amount of knowledge how sex and estrogen determine diseases and outcomes has been accumulated. Main basic research concepts include the study of primary cell and animals of both sexes, the study of the influence of genetic versus hormonal factors and the analysis of sex chromosomes. In translational CV research we aim at including female typical acute coronary syndromes and heart failure and the role of the sociocultural dimension gender.