



## Mildred Scheel Lectureship meets Cologne Cancer Club meets Women in Science and Society

5<sup>th</sup> LECTURE

# Challenges in translating “omics” for personalized treatment of breast cancer

**June 11<sup>th</sup> 2015**  
**5:00 pm (c.t.)**

Seminar room,  
ground floor,  
Center for Molecular Medicine,  
Robert-Koch-Str. 21  
50931 Cologne

**Welcoming Remarks  
of Prof. Dr. Carien Niessen  
and the  
German Cancer Aid**

**Reception with wine and cheese  
at 5:00 pm (s.t.)**

## Prof. Dr. Anne-Lise Børresen-Dale

PhD, MD (h.c.), Head of Department of Genetics,  
Director of The K.G. Jebsen Center for Breast  
Cancer Research, Oslo University



Professor Anne-Lise Børresen-Dale is among the leading geneticists in research on molecular biology of breast cancer, her group pioneered expression profiling of breast carcinomas in collaboration with groups at Stanford, demonstrating that breast cancer can be divided into distinct sub-groups with differences in molecular profiles and in overall and relapse-free survival. Her achievements are seminal for understanding breast cancer evolution, and have had an enormous impact on our view of the complexity of breast cancer. Her current research projects focus on 'Exploring the Systems Biology of Breast Cancer' using high dimensional data in integrated approaches aiming at identification of genotypes and gene expression profiles contributing to elevated cancer risk, radiation sensitivity, tumor aggressiveness and therapy resistance. She has authored more than 450 peer-reviewed publications, book chapters and invited reviews.