Day 1: Wednesday 1st June

11.00 – 11.45  Arrival at Skogshem & Wijk
11.45 – 12.45  Lunch

Session 1
Chair: Theodoros Foukakis

12.50 – 13.00  Welcome and Introduction: Staffan Strömblad, Director of BRECT
13.00 – 13.25  Kenny Rodriguez-Wallberg, Dep. of Oncology-Pathology  
                Can co-treatment with GnRHα during chemotherapy diminish the ovarian toxicity of cancer treatment?
13.30 – 13.55  Mattias Rantalainen, Dep. of Medical Epidemiology and Biostatistics  
                AI-based precision pathology – new approaches for breast cancer patient stratification
14.00 – 14.25  Anita Göndör, Dep. of Oncology-Pathology  
                A perturbed circadian genome organisation: a novel principle in breast cancer
14.30 – 15.00  Coffee break

Session 2
Chair: Theodoros Foukakis

15.00 – 15.25  Ola Larsson, Dep. of Oncology-Pathology  
                A landscape of mRNA translation in breast cancer
15.30 – 15.55  Margareta Wilhelm, Dep. of Microbiology, Tumor, and Cell Biology  
                p73, a master regulator of the tumor microenvironment
16.00 – 16.25  Janne Lehtiö, Dep. of Oncology-Pathology  
                Connecting cancer genotype with molecular phenotype by proteogenomics
16.30 – 16.45  Short break

Session 3
Chair: Linda Lindström

Keynote Lecture
16.45 – 17.30  Lucy Yates, Wellcome Trust Sanger Institute, UK  
                Uncovering the evolutionary patterns underlying breast cancer development and progression

19.00  Dinner
Day 2: Thursday 2nd June

07.00 – 08.30 Breakfast

Session 4
Chair: Staffan Strömblad

08.30 – 08.55 Linda Lindström, Dep. of Oncology-Pathology
*Identification of tumor characteristics influencing risk for late fatal breast cancer disease*

09.00 – 09.15 Marianne Färnebo, Dep. of Cell and Molecular Biology
*scaRNA controls repair of DNA in cancer cells*

09.20 – 09.35 Xinsong Chen, Dep. of Oncology-Pathology
*An individualized patient model and functional assays to assist breast cancer precision medicine*

09.40 – 09.55 Sara Göransson, Dep. of Biosciences and Nutrition
*Tissue stiffening drives breast cancer progression through the mevalonate pathway*

10.00 – 10.30 Coffee break

Session 5
Chair: Staffan Strömblad

10.30 – 10.55 Arne Östman, Dep. of Oncology-Pathology
*Novel prognostic and response-predictive subsets of cancer-associated fibroblasts*

11.00 – 11.15 Miguel Castresana Aguirre, Dep. of Oncology-Pathology
*Utility of gene signatures for the assignment of adjuvant therapy in elderly breast cancer patients*

11.20 – 11.35 Charlotte Rolny, Dep. of Oncology-Pathology
*Gene expression programs governing tumor-associated macrophage immune-suppressive and pro-metastatic functions*

Session 6
Chair: Linda Lindström

Keynote Lecture
11.40 – 12.25 Seth Coffelt, University of Glasgow, UK
*The pro- and anti-tumor functions of gamma delta T cell subsets in breast cancer*

12.30 – 12.35 Wrap-up and next BRECT meeting, Staffan Strömblad, Director of BRECT

12.35 – 13.35 Lunch