Publications:

**Having older siblings is associated with gut microbiota development during early childhood**  
Publication: Research - peer-review › Journal article – Annual report year: 2015

**Neonatal microbial colonization in mice promotes prolonged dominance of CD11b+Gr-1+cells and accelerated establishment of the CD4+T cell population in the spleen**  
Publication: Research - peer-review › Journal article – Annual report year: 2015

**Older Siblings Affect Gut Microbiota Development in Early Childhood**  
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2015

**Establishment of Intestinal Microbiota during Early Life: a Longitudinal, Explorative Study of a Large Cohort of Danish Infants**  
Publication: Research - peer-review › Journal article – Annual report year: 2014

**Older siblings, pets and early life infections: impact on gut microbiota and allergy prevalence during the first three years of life**  
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2014

**Characterization of the infant gut microbiota in a cohort of 330 Danish children at 9, 18 and 36 months by quantitative PCR array (GULDA) analysis**  
Publication: Research - peer-review › Poster – Annual report year: 2013

**Dietary Xylooligosaccharide Downregulates IFN-γ and the Low-Grade Inflammatory Cytokine IL-1β Systemically in Mice**  
Publication: Research - peer-review › Journal article – Annual report year: 2013

**Intake of whole apples or clear apple juice has contrasting effects on plasma lipids in healthy volunteers**  
Publication: Research - peer-review › Journal article – Annual report year: 2012

**Freezing fecal samples prior to DNA extraction affects the Firmicutes to Bacteroidetes ratio determined by downstream quantitative PCR analysis**  
Publication: Research - peer-review › Journal article – Annual report year: 2012
Introducing Gut Low-Density Array (GULDA) - a validated approach for qPCR-based intestinal microbial community analysis
Publication: Research - peer-review › Letter – Annual report year: 2012

Nature of bacterial colonization influences transcription of mucin genes in mice during the first week of life
Publication: Research - peer-review › Journal article – Annual report year: 2012

Subacute oral toxicity investigation of nanoparticulate and ionic silver in rats
Publication: Research - peer-review › Journal article – Annual report year: 2011

Validation of Gut Low Density Array (GULDA), a novel qPCR approach to the study of the intestinal microbial ecosystem
Publication: Research - peer-review › Poster – Annual report year: 2012

Xylo-oligosaccharides inhibit pathogen adhesion to enterocytes in vitro
Publication: Research - peer-review › Journal article – Annual report year: 2012

Gut Low Density Array (GULDA), a novel qPCR approach to the study of the intestinal microbial ecosystem
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2011

The complexity of the murine microbiota influences the important recruitment of immune cells in early life
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2011

Analysis of the intestinal microbiota of oligo-saccharide fed mice exhibiting reduced resistance to Salmonella infection
Publication: Research - peer-review › Journal article – Annual report year: 2010

Effects of apples and specific apple components on the cecal environment of conventional rats: Role of apple pectin
Publication: Research - peer-review › Journal article – Annual report year: 2010

Influence of the gut microbiota on transcriptional regulation of genes involved in early life development of the intestinal mucus layer
Publication: Research › Sound/Visual production (digital) – Annual report year: 2010

Influence of the gut microbiota on transcriptional regulation of genes involved in early life development of the intestinal mucus layer
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2010

Influence of the intrinsic gut microbiota on transcriptional regulation of genes involved in the early life development of intestinal epithelial integrity
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2010

Influence of the intrinsic gut microbiota on transcriptional regulation of genes involved in the early life development of intestinal epithelial integrity
Publication: Research › Poster – Annual report year: 2010
Oxygen restriction increases the infection potential of Listeria monocytogenes - a transcriptional analysis.
Publication: Research › Poster – Annual report year: 2010

The Influence of Different Apple Based Supplements on the Intestinal Microbiota of Humans.
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2010

Does an onion-enriched diet beneficially affect the microbiota composition in healthy human subjects?
Publication: Research › Poster – Annual report year: 2009

Effect of apple pectin on gut microbiota - qPCR in applied microbiology
Publication: Research › Conference abstract for conference – Annual report year: 2009

Effect of onion consumption on the composition of the gut microbiota
Publication: Research › Poster – Annual report year: 2009

Oxygen restriction and virulence of Listeria monocytogenes: A transcriptome analysis
Publication: Research › Conference abstract in proceedings – Annual report year: 2009

Oxygen restriction increases the infection potential of Listeria monocytogenes – verification of microarray chip data by quantitative real-time PCR
Publication: Research › Poster – Annual report year: 2009

Behavioral, proliferative and molecular corrections in the rat chronic mild stress model of depression
Publication: Research › Journal article – Annual report year: 2008

Stress sensitivity and resilience in the chronic mild stress rat model of depression. An in situ hybridization study
Publication: Research - peer-review › Journal article – Annual report year: 2008

Changes in 5HT4 receptor binding in animal models of depression related states
Publication: Research › Poster – Annual report year: 2007

Molecular pathways associated with stress resilience and drug resistance in the chronic mild stress rat model of depression - a gene expression study
Publication: Research - peer-review › Journal article – Annual report year: 2007
Stress and antidepressant resistance in the chronic mild stress animal model of depression
Publication: Research › Poster – Annual report year: 2007

Stress resilience and antidepressant drug resistance in the Chronic Mild Stress animal model of depression
Publication: Research › Ph.D. thesis – Annual report year: 2007

A new rat model for evaluation of efficacy and time point for onset of action for antidepressants
Publication: Research - peer-review › Conference abstract in journal – Annual report year: 2006

Stress and antidepressant resistance in the chronic mild stress animal model of depression.
Publication: Research › Poster – Annual report year: 2006

Stress resilience and drug resistance in the chronic mild stress (CMS) rat model of depression
Publication: Research › Poster – Annual report year: 2004

Projects:

MICROBESE – A novel approach to the study of the intestinal microbial ecosystem and its putative role in obesity development
Project

Nutritional Immunology
Project

Nutritional Immunology
Project

Nutritional Immunology
Project

Effects of bacterial colonization on immune maturation
Project

Prebiotics for Prevention of Gastrointestinal Infections
Project

PreGI - Prebiotics for Prevention of Gut Infections
Project

Activities:

Influence of the gut microbiota on transcriptional regulation of genes involved in early life development of the intestinal mucus layer
Activity: Talks and presentations › Conference presentations

Effect of onion consumption on the composition of the gut microbiota (LMC foodmicro); 7
Activity: Talks and presentations › Conference presentations