Publications:

**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

**Mono-colonization with Lactobacillus acidophilus NCFM affects the intestinal metabolome as compared to germ-free mice**
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2013

**Mono-colonization with Lactobacillus acidophilus NCFM affects the intestinal metabolome in mice**
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2013

**Bacterial Impact on the Gut Metabolome**
Publication: Research › Ph.D. thesis – Annual report year: 2013

**Gram-negative bacteria account for main differences between faecal microbiota from patients with ulcerative colitis and healthy controls**
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

**Metabolic footprint of Lactobacillus acidophilus NCFM at different pH**
Publication: Research - peer-review › Journal article – Annual report year: 2011

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

**Daily intake of apples decrease total cholesterol**
Publication: Research - peer-review › Journal article – 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

**Bacterial Impact on the Gut Metabolome**
Publication: Research - peer-review › Conference abstract for conference – 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

**Effects of specific carbohydrates on the intestinal microbiota**
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2010

**Faecal Bacterial Communities in Healthy Controls and Ulcerative Colitis Patients**
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2010
Lack of detectable DNA uptake by transmission of selected recipients in mono-associated rats
Publication: Research - peer-review › Journal article – Annual report year: 2010

New Insights on the Apple and Health
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2010

The effect of different in vitro conditions on the metabolic footprint of Lactobacillus acidophilus NCFM
Publication: Research - peer-review › Conference abstract for conference – 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

Alternative models based on invertebrates and mammalian cell lines for risk assessment of microbial pest control agents
Publication: Research › Sound/Visual production (digital) – Annual report year: 2009

Can temperature profiling and resistance to intestinal conditions be used to distinguish between pathogenic and non-pathogenic species of the Bacillus cereus group?
Publication: Research › Sound/Visual production (digital) – Annual report year: 2009

Characterization of a small erythromycin resistance plasmid pLFE1 from the food-isolate Lactobacillus plantarum M345
Publication: Research - peer-review › Journal article – 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 apple pectin on gut microbiota - qPCR in applied microbiology
Publication: Research › Poster – Annual report year: 2009

Handling and describing metabolomics data more rationally
Publication: Research › Conference abstract for conference – Annual report year: 2009

Horizontal Gene Transfer of an IncP-1 plasmid in the gut of streptomycin treated rats
Publication: Research › Poster – Annual report year: 2009

Intra- and interspecies conjugal transfer of Tn916-like elements from Lactococcus lactis in vitro and in vivo
Publication: Research - peer-review › Journal article – Annual report year: 2009

Molecular fingerprinting of the interaction of carbohydrates and gut microbiota
Publication: Research › Conference abstract for conference – Annual report year: 2009

The Use of Transcriptomics to Elucidate the Genome Wide Impact of Unsaturated Fatty Acids
Publication: Research - peer-review › Conference abstract in journal – Annual report year: 2009

Transfer of Wild-Type Plasmids Harbouring Tetracycline or Erythromycin Resistance Genes from Native Strains of Lactobacillus plantarum to other Bacteria in a Gastrointestinal Environment
Publication: Research › Ph.D. thesis – Annual report year: 2008
A standardized conjugation protocol to assess antibiotic resistance transfer between lactococcal species
Publication: Research - peer-review › Journal article – Annual report year: 2008

Effect of apple pectin consumption on the rat caecal microbiota
Publication: Research › Sound/Visual production (digital) – Annual report year: 2008

Effects of apple pectin consumption on the rat caecal microbiota
Publication: Research › Conference abstract for conference – Annual report year: 2008

Effects of apple pectin consumption on the rat caecal microbiota
Publication: Research › Poster – Annual report year: 2008

Effects of apple pectin consumption on the rat caecal microbiota
Publication: Research › Conference abstract for conference – Annual report year: 2008

Germination and conjugation of Bacillus thuringiensis subsp. israelensis in the intestine of gnotobiotic rats
Publication: Research - peer-review › Journal article – Annual report year: 2008

Prebiotics for prevention of Salmonella infections
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2008

Prebiotics for Prevention of Salmonella Infections
Publication: Research › Poster – Annual report year: 2008

Prebiotics for Prevention of Salmonella Infections
Publication: Research › Conference abstract for conference – Annual report year: 2008

Prebiotics for Prevention of Salmonella Infections
Publication: Research › Poster – Annual report year: 2008

Prebiotics for Prevention of Salmonella Infections
Publication: Research › Conference abstract for conference – Annual report year: 2008

Prebiotics for Prevention of Salmonella Infections
Publication: Research › Conference abstract for conference – Annual report year: 2008

Prebiotics for Prevention of Salmonella Infections
Publication: Research › Poster – Annual report year: 2008

Selective pressure affects transfer and establishment of a Lactobacillus plantarum resistance plasmid in the gastrointestinal environment
Publication: Research - peer-review › Journal article – Annual report year: 2008

Sequence and analysis of pLFE1, a small transferable erythromycin resistance plasmid from the food isolate Lactobacillus plantarum M345
Publication: Research › Conference abstract for conference – Annual report year: 2008

Sundhed og Bt
Publication: Communication › Journal article – Annual report year: 2008

A 90-day safety study in Wistar rats fed genetically modified rice expressing snowdrop lectin Galanthus nivalis (GNA)
Publication: Research - peer-review › Journal article – Annual report year: 2007
A 90-day safety study of genetically modified rice expressing Cry1Ab protein (Bacillus thuringiensis toxin) in Wistar rats
Publication: Research - peer-review › Journal article – Annual report year: 2007

Apples and apple pectin change the rat caecal microbiota. Second ISAFRUIT General Assembly
Publication: Research › Poster – Annual report year: 2007

Apples and pectin change the rat ceecal microbiota
Publication: Research › Poster – Annual report year: 2007

Apples and pectin change the rat ceecal microbiota
Publication: Research › Conference abstract for conference – Annual report year: 2007

Apples and pectin change the rat ceecal microbiota
Publication: Research › Conference abstract for conference – Annual report year: 2007

Apples and pectin change the rat ceecal microbiota
Publication: Research › Conference abstract for conference – Annual report year: 2007

Apples and pectin change the rat ceecal microbiota
Publication: Research › Conference abstract for conference – Annual report year: 2007

Apples and pectin change the rat ceecal microbiota
Publication: Research › Poster – Annual report year: 2007

Consumption of apples and apple pectin changes the rat caecal microbiota
Publication: Research › Conference article – Annual report year: 2007

Horizontal transfer of tet(M) and erm(B) resistance plasmids from food strains of Lactobacillus plantarum to Enterococcus faecalis JH2-2 in the gastrointestinal tract of gnotobiotic rats
Publication: Research - peer-review › Journal article – Annual report year: 2007

ISAFRUIT health research: Integrating experimental and observational studies on fruit and health with nutrigenomics
Publication: Research › Conference abstract for conference – Annual report year: 2007

Prebiotics for prevention of Listeria infections
Publication: Research › Conference abstract for conference – Annual report year: 2007

Prebiotics for prevention of Listeria infections
Publication: Research › Poster – Annual report year: 2007

Prebiotics for prevention of Listeria infections
Publication: Research › Conference article – Annual report year: 2007

Prebiotics for prevention of salmonella infections
Publication: Research › Conference article – Annual report year: 2007

Prebiotics for prevention of Salmonella infections
Publication: Research › Poster – Annual report year: 2007

Prebiotics for Prevention of Salmonella Infections
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2007
Safety testing of GM-rice expressing PHA-E lectin using a new animal test design
Publication: Research - peer-review › Journal article – Annual report year: 2007

Selection of bacteria originating from a human intestinal microbiota in the gut of previously germ-free rats
Publication: Research - peer-review › Journal article – Annual report year: 2007

The Human Biota Associated Rat as a Model for the Human Intestinal Microbiota
Publication: Research › Conference abstract for conference – Annual report year: 2007

The Human Biota Associated Rat as a Model for the Human Intestinal Microbiota
Publication: Research › Conference abstract for conference – Annual report year: 2007

The Human Biota Associated Rat as a Model for the Human Intestinal Microbiota
Publication: Research › Poster – Annual report year: 2007

The Human Biota Associated Rat as a Model for the Human Intestinal Microbiota. 4th Probiotics, Prebiotics and New Foods
Publication: Research › Poster – Annual report year: 2007

Transfer of ermB-plasmid from Lactobacillus to Enterococcus faecalis in the intestine of gnotobiotic rats
Publication: Research › Sound/Visual production (digital) – Annual report year: 2007

Bakterier anvendt til biologisk insektbekæmpelse – Kan de give diarré?
Publication: Communication › Journal article – Annual report year: 2006

Conjugative gene transfer in the gastrointestinal environment
Publication: Research - peer-review › Book chapter – Annual report year: 2006

Fate and effect of ingested Bacillus cereus spores and vegetative cells in the intestinal tract of human-flora-associated rats
Publication: Research - peer-review › Journal article – Annual report year: 2006

Germination and conjugation of Bacillus thuringiensis in the gut of gnotobiotic rats
Publication: Research - peer-review › Conference article – Annual report year: 2006

Germination and conjugation of Bacillus thuringiensis in the gut of gnotobiotic rats
Publication: Research › Conference abstract for conference – Annual report year: 2006

Germination and conjugation of Bacillus thuringiensis in the gut of gnotobiotic rats
Publication: Research › Poster – Annual report year: 2006

Germination and conjugation of Bacillus thuringiensis in the gut of gnotobiotic rats
Publication: Research › Conference abstract for conference – Annual report year: 2006

Mikrobiologiske plantebeskyttelsesmidlers skæbne i mave-tarm kanalen - Studier af Bacillus thuringiensis
Publication: Research › Report – Annual report year: 2006

Occurrence of natural Bacillus thuringiensis contaminants and residues of Bacillus thuringiensis-based insecticides on fresh fruits and vegetables
Publication: Research - peer-review › Journal article – Annual report year: 2006

Persistence of Bacillus thuringiensis bioinsecticides in the gut of human-flora-associated rats
Publication: Research - peer-review › Journal article – Annual report year: 2006
The Human Biota Associated Rat as a Model for the Human Intestinal Microbiota
Publication: Research › Conference article – Annual report year: 2007

Characterization of transferable tetracycline resistance genes in Enterococcus faecalis isolated from raw food
Publication: Research - peer-review › Journal article – Annual report year: 2005

Conjugative gene transfer in the gastro-intestinal environment
Publication: Research - peer-review › Journal article – Annual report year: 2006

Occurrence and significance of Bacillus cereus and Bacillus thuringiensis in ready-to-eat food
Publication: Research - peer-review › Journal article – Annual report year: 2005

Transferability of drug resistance genes harboured by lactic acid bacteria
Publication: Research › Conference abstract for conference – Annual report year: 2005

Fate and effect of B. thuringiensis in rats
Publication: Research › Conference abstract for conference – Annual report year: 2004

Fate and effect of B. thuringiensis in rats
Publication: Research › Poster – Annual report year: 2004

Persistence of DNA studied in different ex vivo and in vivo rat models simulating the human gut situation
Publication: Research - peer-review › Journal article – Annual report year: 2004

The relevance of gene transfer to the safety of food and feed derived from genetically modified (GM) plants
Publication: Research - peer-review › Journal article – Annual report year: 2004

Enterococci in food products constitute a reservoir for transferable tetracycline resistance genes
Publication: Research › Conference abstract for conference – Annual report year: 2003

Presentation of a future project: The fate of biopesticides in the human gut
Publication: Research › Conference abstract for conference – Annual report year: 2003

Presentation of a future project: The fate of biopesticides in the human gut
Publication: Research › Poster – Annual report year: 2003

The patchwork nature of rolling-circle plasmids: comparison of six plasmids from two distinct Bacillus thuringiensis serotypes
Publication: Research - peer-review › Journal article – Annual report year: 2003

Isolation and characterization of Bacillus cereus like bacteria from faecal samples from greenhouse workers who are using Bacillus thuringiensis based insecticides
Publication: Research - peer-review › Journal article – Annual report year: 2002
Risk Assessment of Genetically Modified Microorganisms: Report from Nordic Workshop National Veterinary and Food Administration, Denmark, November 23-24, 2000
Publication: Research › Report – Annual report year: 2001

Conjugation in Bacillus thuringiensis and Bacillus cereus
Publication: Research › Ph.D. thesis – Annual report year: 1999

Risk assessment of genetically modified microorganisms: Report from Nordic workshop
Publication: Research › Report – Annual report year: 2000

Functional insights into pGI2, a cryptic rolling-circle replicating plasmid from Bacillus thuringiensis
Publication: Research - peer-review › Journal article – Annual report year: 1999

Replication mechanism and sequence analysis of the replicon of pAW63, a conjugative plasmid from Bacillus thuringiensis
Publication: Research - peer-review › Journal article – Annual report year: 1999

Characterization of plasmid pAW63; a second self-transmissible plasmid in Bacillus thuringiensis subsp. kurstaki HD-73
Publication: Research - peer-review › Journal article – Annual report year: 1998

Mobilization of "non-mobilizable" plasmids by the aggregation-mediated conjugation system of Bacillus thuringiensis
Publication: Research - peer-review › Journal article – Annual report year: 1996

The aggregation-mediated conjugation system of Bacillus thuringiensis subsp. israelensis: host range and kinetics of transfer
Publication: Research - peer-review › Journal article – Annual report year: 1996

The genetic basis of the aggregation system in Bacillus thuringiensis subsp. israelensis is located on the large conjugative plasmid pXO16
Publication: Research - peer-review › Journal article – Annual report year: 1995

Projects:

Effect of bovine milk oligosaccharides on infant microbiota
Project

Bacterial Impact on Gut Metabolomics
Project

Bacterial Impact on Gut Metabolomics
Project

Effekter af kulhydrater på tarmens mikrobiologi
Project: PhD

Alternative modeller baseret på invertebrater og funktionelle mammale cellmodeller til risikovurdering af mikrobiologiske bekæmpelsesmidler
Project

Nutritional Immunology
Project
**Nutritional Immunology**

**Prebiotics for Prevention of Gastrointestinal Infections**

**Workpackage 2 in Prebiotic Center: Gut microbiota and Immune Response Effects**

**Antibiotic Resistance Transferability from Lactic Acid Bacteria in the Food Chain**

**Mikrobiologiske plantebeskyttelsesmidlers skæbne i mave-tarmkanalen**

**Assessment and Critical Evaluation of Antibiotic Resistance Transferability in the Food Chain**

**Activities:**

- Germination and conjugation of Bacillus thuringiensis in the gut of gnotobiotic rats
- Bacillus thuringiensis: fate and effect in human flora associated rats: Workshop: Health and Environmental Risks by the use of Organisms for Biological Control og Pests and Diseases in Agriculture