Publications:

Postnatal amniotic fluid intake reduces gut inflammatory responses and necrotizing enterocolitis in preterm neonates
Publication: Research - peer-review › Journal article – Annual report year: 2013

Establishment of tolerance to commensal bacteria requires a complex microbiota and is accompanied by decreased intestinal chemokine expression
Publication: Research - peer-review › Journal article – 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

TLR2 Controls Intestinal Carcinogen Detoxication by CYP1A1.
Publication: Research - peer-review › Journal article – Annual report year: 2012

Bovine colostrum is superior to enriched formulas in stimulating intestinal function and necrotising enterocolitis resistance in preterm pigs
Publication: Research - peer-review › Journal article – Annual report year: 2011

Ex vivo intestinal adhesion of Escherichia coli LF82 in Crohn's disease
Publication: Research - peer-review › Journal article – Annual report year: 2011

Ileal adhesion of virulent E. coli LF82 is not enhanced in Crohn's disease.
Publication: Research - peer-review › Conference abstract in journal – Annual report year: 2011

Ileal adhesion of virulent E. coli LF82 is not enhanced in Crohn's disease
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2011

Quantification of specific E. coli in gut mucosa from Crohn's disease patients
Publication: Research - peer-review › Journal article – Annual report year: 2011

Role of Natural Killer and Dendritic Cell Crosstalk in Immunomodulation by Commensal Bacteria Probiotics
Publication: Research - peer-review › Journal article – Annual report year: 2011

Bifidobacterium bifidum Actively Changes the Gene Expression Profile Induced by Lactobacillus acidophilus In Murine Dendritic Cells
Publication: Research - peer-review › Journal article – Annual report year: 2010

Induction of regulatory T cells by probiotics: potential for treatment of allergy?
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
Lactobacillus acidophilus induces a slow but more sustained chemokine and cytokine response in naive foetal enterocytes compared to commensal Escherichia coli
Publication: Research - peer-review › Journal article – Annual report year: 2010

Pseudomonas aeruginosa quorum-sensing signal molecules interfere with dendritic cell-induced T-cell proliferation
Publication: Research - peer-review › Journal article – Annual report year: 2009

Dendritic Cells from Peyer's Patches and Mesenteric Lymph Nodes Differ from Spleen Dendritic Cells in their Response to Commensal Gut Bacteria
Publication: Research - peer-review › Journal article – Annual report year: 2008

Impact of first bacterial colonizers on immune system development
Publication: Research › Sound/Visual production (digital) – Annual report year: 2008

Impact of first bacterial colonizers on immune system development and homeostasis
Publication: Research › Poster – Annual report year: 2008

Impact of first bacterial colonizers on immune system development and homeostasis' ved symposium
Publication: Research › Conference abstract for conference – Annual report year: 2008

Toll-like receptor 2 and nucleotide-binding oligomerization domain-2 play divergent roles in the recognition of gut-derived lactobacilli and bifidobacteria in dendritic cells
Publication: Research - peer-review › Journal article – Annual report year: 2008

Immunomodulatory properties of probiotic bacteria: Effects on dendritic cells and their interactions with NK cells and T cells
Publication: Research › Ph.D. thesis – Annual report year: 2007

Bakteriefloraen i tarmen afbalancerer immunsystemet: Den rigtige bakterieflora i tarmen kan modvirke allergi og inflammatoriske sygdomme
Publication: Communication › Journal article – Annual report year: 2007

Bakterier i tarmen styrker immunforsvaret
Publication: Communication › Journal article – Annual report year: 2007

Distinct gut-derived lactic acid bacteria elicit divergent dendritic cell-mediated NK cell responses
Publication: Research - peer-review › Journal article – Annual report year: 2007

Epithelial cells prime the immune response to an array of gut-derived commensals towards a tolerogenic phenotype through distinct actions of thymic stromal lymphopoietin and transforming growth factor-beta
Publication: Research - peer-review › Journal article – Annual report year: 2007

Epithelial cells prime the immune response to an array of gut-derived commensals towards a tolerogenic phenotype through the distinct action of thymic stromal lymphopoietin and transforming growth factor beta
Publication: Research - peer-review › Conference abstract in journal – Annual report year: 2007

Human antigen-presenting cells respond differently to gut-derived probiotic bacteria but mediate similar strain-dependent NK and T cell activation
Publication: Research - peer-review › Journal article – Annual report year: 2007
Probiotic bacteria interact differently with dendritic cells from gut and spleen
Publication: Research - peer-review › Conference abstract in journal – Annual report year: 2007

Distinct Gut-Derived Bacteria Differentially Affect Three Types of Antigen-Presenting Cells and Impact on NK- and T-Cell Responses
Publication: Research - peer-review › Poster – Annual report year: 2006

Nutrigenomics - Ernæringsforskningens nye redskab
Publication: Communication › Journal article – Annual report year: 2006

Natural Killer Cells are Activated by Lactic Acid Bacteria-Matured Dendritic Cells
Publication: Research - peer-review › Poster – Annual report year: 2005

Lactic Acid Bacteria Differentially Activate Natural Killer Cells
Publication: Research - peer-review › Poster – Annual report year: 2004

Lactobacilli Differentially Activate Natural Killer Cells
Publication: Research - peer-review › Poster – Annual report year: 2004

Lactobacilli Modulate Natural Killer Cell Responses In Vitro
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2004

Natural Killer Cells Are Activated by Lactic Acid Bacteria-Matured Dendritic Cells
Publication: Research - peer-review › Poster – Annual report year: 2004

Projects:

Nutritional Immunology
Project

Impact of Colonization on Immune System Development
Project: PhD

Nutritional Immunology
Project

Nutritional Immunology
Project

Effects of bacterial colonization on immune maturation
Project

Immunomodulating Properties of Probiotic Bacteria
Project: PhD