Research outputs:

A biomarker of collagen type I degradation is associated with cardiovascular events and mortality in patients with atherosclerosis
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Communication

Impact of early events and lifestyle on the gut microbiota and metabolic phenotypes in young school-age children
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

Interplay between food and gut microbiota in health and disease
Research output: Contribution to journal › Review – Annual report year: 2019 › Research › peer-review

Levels of Systemic Low-grade Inflammation in Pregnant Mothers and Their Offspring are Correlated
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

Naïve regulatory T cells in infancy: Associations with perinatal factors and development of food allergy
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

Serological Assessment of Activated Fibroblasts by alpha-Smooth Muscle Actin (α-SMA): A Noninvasive Biomarker of Activated Fibroblasts in Lung Disorders
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

Whole grain-rich diet reduces body weight and systemic low-grade inflammation without inducing major changes of the gut microbiome: a randomised cross-over trial
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

Personalized mathematical model of endotoxin-induced inflammatory responses in young men and associated changes in heart rate variability
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

Accelerated collagen turnover in women with angina pectoris without obstructive coronary artery disease: An iPOWER substudy
Research output: Contribution to journal › Journal article – Annual report year: 2018 › Research › peer-review

A fragment of SPARC reflecting increased collagen affinity shows pathological relevance in lung cancer – implications of a new collagen chaperone function of SPARC
Research output: Contribution to journal › Journal article – Annual report year: 2018 › Research › peer-review
Age-related collagen turnover of the interstitial matrix and basement membrane: Implications of age- and sex-dependent remodeling of the extracellular matrix
Research output: Contribution to journal › Journal article – Annual report year: 2018 › Research › peer-review

A marker of collagen type I degradation is associated with cardiovascular events and mortality in patients with known atherosclerosis
Research output: Contribution to journal › Conference abstract in journal – Annual report year: 2018 › Research › peer-review

A novel biomarker of laminin turnover is associated with disease progression and mortality in chronic kidney disease
Research output: Contribution to journal › Journal article – Annual report year: 2018 › Research › peer-review

Division of Labor during Biofilm Matrix Production
Research output: Contribution to journal › Journal article – Annual report year: 2018 › Research › peer-review

Genome-wide association and HLA fine-mapping studies identify risk loci and genetic pathways underlying allergic rhinitis
Research output: Contribution to journal › Journal article – Annual report year: 2018 › Research › peer-review

Integrative data analysis of genotype, microbiome and metabolomics for prediction of response to diet for improved metabolic health
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2018 › Research › peer-review

Markers of Basement Membrane Remodeling Are Associated With Higher Mortality in Patients With Known Atherosclerosis
Research output: Contribution to journal › Journal article – Annual report year: 2018 › Research › peer-review

Markers of basement membrane remodelling are associated with higher mortality in patients with advanced carotid atherosclerosis
Research output: Contribution to journal › Conference abstract in journal – Annual report year: 2018 › Research › peer-review

Microbial translocation revisited: targeting the endotoxic potential of gut microbes in HIV-infected individuals
Research output: Contribution to journal › Journal article – Annual report year: 2018 › Research › peer-review

Neonates colonized with pathogenic bacteria in the airways have a low-grade systemic inflammation
Research output: Contribution to journal › Journal article – Annual report year: 2018 › Research › peer-review

Plant Polyphenols Stimulate Adhesion to Intestinal Mucosa and Induce Proteome Changes in the Probiotic Lactobacillus acidophilus NCFM
Research output: Contribution to journal › Journal article – Annual report year: 2018 › Research › peer-review

Plasma ceramide levels are altered in low and normal birth weight men in response to short-term high-fat overfeeding
Research output: Contribution to journal › Journal article – Annual report year: 2018 › Research › peer-review

The metagenome of the female upper reproductive tract
Research output: Contribution to journal › Journal article – Annual report year: 2018 › Research › peer-review

Tumstatin, a Matrikine Derived from Collagen Type IVα3, is Elevated in Serum from Patients with Non-Small Cell Lung Cancer
Research output: Contribution to journal › Journal article – Annual report year: 2018 › Research › peer-review
Two novel blood-based biomarker candidates measuring degradation of tau are associated with dementia: A prospective study
Research output: Contribution to journal › Journal article – Annual report year: 2018 › Research › peer-review

Allergic Sensitization at School Age is a Systemic Low-grade Inflammatory Disorder
Research output: Contribution to journal › Journal article – Annual report year: 2017 › Research › peer-review

A safflower oil-based high fat/high-sucrose diet modulates the gut microbiota and liver phospholipid profiles associated with early glucose intolerance in the absence of tissue inflammation
Research output: Contribution to journal › Journal article – Annual report year: 2016 › Research › peer-review

Cathepsin-S degraded decorin are elevated in fibrotic lung disorders - development and biological validation of a new serum biomarker
Research output: Contribution to journal › Journal article – Annual report year: 2017 › Research › peer-review

Data regarding the growth of Lactobacillus acidophilus NCFM on different carbohydrates and recombinant production of elongation factor G and pyruvate kinase
Research output: Contribution to journal › Journal article – Annual report year: 2017 › Research › peer-review

Delivery of TLR7 agonist to monocytes and dendritic cells by DCIR targeted liposomes induces robust production of anti-cancer cytokines
Research output: Contribution to journal › Journal article – Annual report year: 2017 › Research › peer-review

Effects of Gliadin consumption on the Intestinal Microbiota and Metabolic Homeostasis in Mice Fed a High-fat Diet
Research output: Contribution to journal › Journal article – Annual report year: 2017 › Research › peer-review

Metabolic Syndrome, Insulin Resistance and Cognitive Dysfunction: Does your metabolic profile affect your brain?
Research output: Contribution to journal › Journal article – Annual report year: 2017 › Research › peer-review

Modifiable risk factors promoting neurodegeneration is associated with two novel brain degradation markers measured in serum
Research output: Contribution to journal › Journal article – Annual report year: 2017 › Research › peer-review

Mucin- and carbohydrate-stimulated adhesion and subproteome changes of the probiotic bacterium Lactobacillus acidophilus NCFM
Research output: Contribution to journal › Journal article – Annual report year: 2017 › Research › peer-review

Non-invasive quantification of collagen turnover in renal transplant recipients
Research output: Contribution to journal › Journal article – Annual report year: 2017 › Research › peer-review

Noninvasive Sampling of Mucosal Lining Fluid for the Quantification of In Vivo Upper Airway Immune-mediator Levels
Research output: Contribution to journal › Journal article – Annual report year: 2017 › Research › peer-review

Objective Cognitive Impairment and Progression to Dementia in Women: The Prospective Epidemiological Risk Factor Study
Research output: Contribution to journal › Journal article – Annual report year: 2017 › Research › peer-review

Prediction of endotoxin variants in the human gut microbiome and their relation to metabolic disease
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2018 › Research › peer-review
Shared genetic variants suggest common pathways in allergy and autoimmune diseases
Research output: Contribution to journal › Journal article – Annual report year: 2017 › Research › peer-review

The gut microbiome in atherosclerotic cardiovascular disease
Research output: Contribution to journal › Journal article – Annual report year: 2017 › Research › peer-review

The maternal microbiome during pregnancy and allergic disease in the offspring
Research output: Contribution to journal › Journal article – Annual report year: 2017 › Research › peer-review

The microbiota continuum along the female reproductive tract and its relation to uterine-related diseases
Research output: Contribution to journal › Journal article – Annual report year: 2017 › Research › peer-review

Transcriptional rewiring in human dendritic cells by the gut microbial metabolite butyrate is associated with propagation of a tissue-sustaining type 2-like immune response
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2017 › Research › peer-review

Two distinct metacommunities characterize the gut microbiota in Crohn's disease patients
Research output: Contribution to journal › Journal article – Annual report year: 2017 › Research › peer-review

Weight Change and Risk of Hyperglycemia in Elderly Women
Research output: Contribution to journal › Journal article – Annual report year: 2017 › Research › peer-review

Delivery of TLR7 agonist to monocytes and dendritic cells by DCIR targeted liposomes induces robust production of anti-cancer cytokines.
Research output: Contribution to conference › Poster – Annual report year: 2016 › Research › peer-review

Differential proteome and cellular adhesion analyses of the probiotic bacterium Lactobacillus acidophilus NCFM grown on raffinose - an emerging prebiotic
Research output: Contribution to journal › Journal article – Annual report year: 2016 › Research › peer-review

Divergent Response Profile in Activated Cord Blood T cells from First-born Child Implies Birth-order-associated in Utero Immune Programming
Research output: Contribution to journal › Journal article – Annual report year: 2015 › Research › peer-review

Effect of vitamin D3 supplementation during pregnancy on risk of persistent wheeze in the offspring: a randomised clinical trial
Research output: Contribution to journal › Conference abstract in journal – Annual report year: 2016 › Research › peer-review

Effect of Vitamin D3 Supplementation During Pregnancy on Risk of Persistent Wheeze in the Offspring A Randomized Clinical Trial: A Randomized Clinical Trial
Research output: Contribution to journal › Journal article – Annual report year: 2016 › Research › peer-review

Excessive collagen turnover products are released during colorectal cancer progression and elevated in serum from metastatic colorectal cancer patients
Research output: Contribution to journal › Journal article – Annual report year: 2016 › Research › peer-review

High breast milk IL-1β level is associated with reduced risk of childhood eczema
Research output: Contribution to journal › Journal article – Annual report year: 2016 › Research › peer-review

Human gut microbes impact host serum metabolome and insulin sensitivity
Research output: Contribution to journal › Journal article – Annual report year: 2016 › Research › peer-review
Identification of differentially IgA-coated bacteria in inflammation-induced colorectal cancer
Research output: Contribution to conference › Poster – Annual report year: 2016 › Research

Metabolic syndrome and subsequent risk of type 2 diabetes and cardiovascular disease in elderly women Challenging the current definition: Challenging the current definition
Research output: Contribution to journal › Journal article – Annual report year: 2016 › Research › peer-review

Pan-HER - an antibody mixture targeting EGFR, HER2, and HER3 abrogates preformed and ligand-induced EGFR homo- and heterodimers: Pan-HER abrogates EGFR dimers
Research output: Contribution to journal › Journal article – Annual report year: 2016 › Research › peer-review

Picornavirus-Induced Airway Mucosa Immune Profile in Asymptomatic Neonates
Research output: Contribution to journal › Journal article – Annual report year: 2016 › Research › peer-review

Season of birth shapes neonatal immune function
Research output: Contribution to journal › Journal article – Annual report year: 2016 › Research › peer-review

Siblings Promote a Type 1/Type 17-oriented immune response in the airways of asymptomatic neonates
Research output: Contribution to journal › Journal article – Annual report year: 2016 › Research › peer-review

Susceptibility to Lower Respiratory Infections in Childhood is Associated with Perturbation of the Cytokine Response to Pathogenic Airway Bacteria
Research output: Contribution to journal › Journal article – Annual report year: 2016 › Research › peer-review

Targeting the DCIR Receptor with a TLR7 Agonist Specifically Activates Monocytes and DCs
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2016 › Research › peer-review

Airway Mucosal Immune-suppression in Neonates of Mothers Receiving A(H1N1)pnd09 Vaccination During Pregnancy
Research output: Contribution to journal › Journal article – Annual report year: 2015 › Research › peer-review

Allergic sensitization at school age is a systemic low-grade inflammatory disorder
Research output: Contribution to journal › Conference abstract in journal – Annual report year: 2016 › Research › peer-review

Breast milk IL-1β level associates with development of eczema during early childhood
Research output: Contribution to journal › Conference abstract in journal – Annual report year: 2016 › Research › peer-review

Chronic obstructive pulmonary disease and asthma-associated Proteobacteria, but not commensal Prevotella spp., promote Toll-like receptor 2-independent lung inflammation and pathology
Research output: Contribution to journal › Journal article – Annual report year: 2015 › Research › peer-review

Distinct inflammatory and cytopathic characteristics of Escherichia coli isolates from inflammatory bowel disease patients
Research output: Contribution to journal › Journal article – Annual report year: 2015 › Research › peer-review

Gliadin affects glucose homeostasis and intestinal metagenome in C57BL6 mice fed a high-fat diet
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2015 › Research › peer-review

Gliadin intake alters intestinal microbiota, glucose and lipid metabolism, and adipose tissue and liver immune cells
Research output: Contribution to journal › Journal article – Annual report year: 2015 › Research › peer-review
Inflammatory Mediator Profiling of n-butanol Exposed Upper Airways in Individuals with Multiple Chemical Sensitivity

Maternal fatty acid desaturase genotype correlates with infant immune responses at 6 months

Metagenomic heterogeneity explains dual immune effects of endotoxins

Neonates with reduced neonatal lung function have systemic low-grade inflammation

Prelabor cesarean section bypasses natural immune cell maturation

Shared genetic origins of allergy and autoimmune diseases

The effect of maternal Inflammation on foetal programming of metabolic disease

An elevated pro-inflammatory cytokine profile in multiple chemical sensitivity

Cesarean section imprints cord blood immune cell distributions

Children developing asthma by school-age display aberrant immune responses to pathogenic airway bacteria as infants

Children with asthma by school age display aberrant immune responses to pathogenic airway bacteria as infants

Early immune response patterns to pathogenic bacteria are associated to increased risk of lower respiratory infections in children

Effects of pregnancy on obesity-induced inflammation in a mouse model of fetal programming

Gliadin affects glucose homeostasis and intestinal metagenome in C57BL/6 mice fed and high-fat diet

Interaction of Lactobacillus acidophilus NCFM grown on different carbohydrates with human intestinal epithelial cells: Adhesion Properties and roles of S-layer Proteins
Mycobacterium tuberculosis promotes Th17 expansion via regulation of human dendritic cells toward a high CD14 and low IL-12p70 phenotype that reprograms upon exogenous IFN-γ.

Research output: Contribution to journal › Journal article – Annual report year: 2014 › Research › peer-review

Natural mannosylation of HIV-1 gp120 imposes no immunoregulatory effects in primary human plasmacytoid dendritic cells

Research output: Contribution to journal › Journal article – Annual report year: 2014 › Research › peer-review

Deep phenotyping of the unselected COPSAC2010 birth cohort study

Research output: Contribution to journal › Journal article – Annual report year: 2013 › Research › peer-review

Effect of gestation on obesity-induced hepatic and placental inflammation in mice

Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2013 › Research › peer-review

Epithelial entry rather than the ensuing systemic immune response determines the pathogenicity of two Salmonella enterica serovar Typhimurium strains in a mouse model

Research output: Contribution to journal › Journal article – Annual report year: 2013 › Research › peer-review

Functional Similarities and Disparities in Inflammation-Promoting Abilities of Gut-Derived Escherichia coli Strains from Patients with Inflammatory Bowel Diseases and Healthy Individuals

Research output: Contribution to journal › Conference abstract in journal – Annual report year: 2013 › Research › peer-review

Gestation reverses obesity-induced hepatic inflammation in mice

Research output: Contribution to conference › Poster – Annual report year: 2013 › Research › peer-review

Gestation reverses obesity-induced hepatic inflammation in mice

Research output: Contribution to journal › Conference abstract in journal – Annual report year: 2013 › Research › peer-review

Gut Mucosal Regulation of Distinct Macrophage and Dendritic Cell Subsets During Early Stage Salmonella Infection

Research output: Contribution to journal › Conference abstract in journal – Annual report year: 2013 › Research › peer-review

High-Mannose Glycosylation of Infectious HIV-1 gp120 and Immune Regulation in Human Plasmacytoid Dendritic Cells

Research output: Contribution to journal › Conference abstract in journal – Annual report year: 2013 › Research › peer-review

Identification of a novel immunoregulatory signaling pathway exploited by M. tuberculosis in dendritic cells

Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2013 › Research › peer-review

Identification of a novel immunoregulatory signaling pathway exploited by M. tuberculosis in dendritic cells

Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2013 › Research › peer-review

Identification of a novel immunoregulatory signaling pathway exploited by M. tuberculosis in dendritic cells

Research output: Contribution to journal › Conference abstract in journal – Annual report year: 2013 › Research › peer-review

Identification of a novel immunoregulatory signaling pathway exploited by M. tuberculosis in dendritic cells

Research output: Contribution to journal › Conference abstract in journal – Annual report year: 2013 › Research › peer-review

Identification of a novel immunoregulatory signaling pathway exploited by M. tuberculosis in dendritic cells

Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2013 › Research › peer-review

Identification of A Novel Immunoregulatory Signaling Pathway Exploited by Mycobacterium tuberculosis in Dendritic Cells

Research output: Contribution to journal › Conference abstract in journal – Annual report year: 2014 › Research › peer-review
Molecular signaling networks in regulation of immunity and disease
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2013 › Research › peer-review

Obesity-induced hepatic and placental inflammation are absent in obese gestating mice compared to control fed dams
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2013 › Research › peer-review

Pathogenic bacteria colonizing the airways in asymptomatic neonates stimulates topical inflammatory mediator release.
Research output: Contribution to journal › Journal article – Annual report year: 2013 › Research › peer-review

Perinatal Environmental Effects on the Neonatal Immune System

Perinatal programming of metabolic dysfunction and obesity-induced inflammation

Divergent pro-inflammatory profile of human dendritic cells in response to commensal and pathogenic bacteria associated with the airway microbiota.
Research output: Contribution to journal › Journal article – Annual report year: 2012 › Research › peer-review

Isolation of IL-12p70-competent human monocyte-derived dendritic cells
Research output: Contribution to journal › Journal article – Annual report year: 2012 › Research › peer-review

Mucosal adhesion and immune activation by gut bacteria in inflammatory bowel diseases

Neonatal Cytokine Profile in the Airway Mucosal Lining Fluid Is Skewed by Maternal Atopy
Research output: Contribution to journal › Journal article – Annual report year: 2012 › Research › peer-review

Upregulation of TGF-beta 1 in neonates of mothers receiving Influenza A (H1N1) vaccination during pregnancy
Research output: Contribution to journal › Conference abstract in journal – Annual report year: 2012 › Research › peer-review

Are NOD2 polymorphisms linked to a specific disease endophenotype of Crohn's disease?
Research output: Contribution to journal › Journal article – Annual report year: 2011 › Research › peer-review

Comparative analysis of a large panel of non-starch polysaccharides reveals structures with selective regulatory properties in dendritic cells
Research output: Contribution to journal › Journal article – Annual report year: 2010 › Research › peer-review

Diversion of flux toward sesquiterpene production in Saccharomyces cerevisiae by fusion of host and heterologous enzymes.
Research output: Contribution to journal › Journal article – Annual report year: 2011 › Research › peer-review

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

Ileal adhesion of virulent E. coli LF82 is not enhanced in Crohn's disease.
Research output: Contribution to journal › Conference abstract in journal – Annual report year: 2011 › Research › peer-review
Ileal adhesion of virulent E. coli LF82 is not enhanced in Crohn's disease
Research output: Chapter in Book/Report/Conference proceeding › Conference abstract in proceedings – Annual report year: 2011 › Research › peer-review

Probiotika
Research output: Chapter in Book/Report/Conference proceeding › Book chapter – Annual report year: 2011 › Research › peer-review

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

The pathogenicity of S. Typhimurium SL1344 is coupled to invasiveness and not the ensuing immune response
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2011 › Research › peer-review

The pathogenicity of S. Typhimurium SL1344 is coupled to invasiveness and not the ensuing immune response
Research output: Contribution to conference › Poster – Annual report year: 2011 › Research › peer-review

CD4+ T-cell activation is differentially modulated by bacteria-primed dendritic cells, but is generally down-regulated by n-3 polyunsaturated fatty acids
Research output: Contribution to journal › Journal article – Annual report year: 2010 › Research › peer-review

Dietary fibers as Immunoregulatory compounds in health and disease
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2010 › Research › peer-review

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

Allergen specific responses in cord and adult blood are differentially modulated in the presence of endotoxins.
Research output: Contribution to journal › Journal article – Annual report year: 2008 › Research › peer-review

Effect on dendritic cells of aloe vera and pomme granate products from Forever Living Products
Research output: Book/Report › Report – Annual report year: 2008 › Research

Fedtsyrebalancen påvirker livsstilssygdomme og allergi
Research output: Contribution to journal › Journal article – Annual report year: 2008 › Communication

Fedtsyrebalance påvirker livsstilssygdomme og allergi
Research output: Contribution to journal › Journal article – Annual report year: 2008 › Research

Dietary fibres differentially modulate the bacterially induced maturation of dendritic cells
Research output: Contribution to journal › Conference abstract in journal – Annual report year: 2007 › Research › peer-review

Dietary fibres differentially modulate the TLR-induced maturation of dendritic cells
Research output: Non-textual form › Sound/Visual production (digital) – Annual report year: 2007 › Research

Influence of gut microbiota on immunological maturation in infancy
Research output: Contribution to conference › Poster – Annual report year: 2007 › Research › peer-review
Influence of gut microbiota on immunological maturation in infancy
Research output: Contribution to journal › Conference abstract in journal – Annual report year: 2007 › Research › peer-review

Influence of gut microbiota on immunological maturation in infancy
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2007 › Research › peer-review

Influence of gut microbiota on immunological maturation in infancy
Research output: Non-textual form › Sound/Visual production (digital) – Annual report year: 2007 › Research

Influence of gut microbiota on immunological maturation in infancy
Research output: Contribution to conference › Poster – Annual report year: 2007 › Research › peer-review

Kan kosten påvirke vores risiko for at udvikle allergi?
Research output: Contribution to journal › Journal article – Annual report year: 2007 › Communication

Proteome-analysis of gut bacteria-matured dendritic cells
Research output: Contribution to conference › Poster – Annual report year: 2007 › Research › peer-review

The potential of gut bacteria-matured DCs to activate CD4+ T cells highly depends on the lipid composition of the T cell membrane
Research output: Non-textual form › Sound/Visual production (digital) – Annual report year: 2007 › Research

The potential of gut bacteria-matured DCs to activate CD4+T cells highly depends on the lipid composition of the T cell membrane
Research output: Contribution to journal › Conference abstract in journal – Annual report year: 2007 › Research › peer-review

Effects of dietary fatty acids on T-cell responses induced by dendritic cells
Research output: Contribution to conference › Poster – Annual report year: 2006 › Research › peer-review

Combinatorial effects of dietary fatty acids and probiotics on T-cell responses induced by dendritic cells
Research output: Contribution to conference › Poster – Annual report year: 2005 › Research › peer-review

Dietary oil emulsions enhance the absorption of antive food allergens without effecting oral tolerance induction unless lipopolysaccharide is present
Research output: Non-textual form › Sound/Visual production (digital) – Annual report year: 2005 › Research

Effect of maternal dietary cow’s milk on the immune response to beta-lactoglobulin in the offspring: A four generation study in mice
Research output: Contribution to journal › Journal article – Annual report year: 2005 › Research › peer-review

Effect of prior dietary exposure to cow’s milk protein on antigen-specific and nonspecific cellular proliferation in mice
Research output: Contribution to journal › Journal article – Annual report year: 2005 › Research › peer-review
Milk-derived GM(3) and GD(3) differentially inhibit dendritic cell maturation and effector functionalities
Research output: Contribution to journal › Journal article – Annual report year: 2005 › Research › peer-review

Post-weaning maintenance of oral tolerance to β-lactoglobulin: the importance of antigen presence in the diet
Research output: Contribution to conference › Poster – Annual report year: 2005 › Research › peer-review

Det vi spiser påvirker vores immunforsvar – men hvordan?
Research output: Contribution to journal › Journal article – Annual report year: 2004 › Research

Dietary oil emulsions enhance the absorption of native food allergens without affecting oral tolerance induction unless lipopolysaccharide is present
Research output: Contribution to conference › Poster – Annual report year: 2004 › Research › peer-review

Immune response in mice to ingested soya protein: antibody production, oral tolerance and maternal transfer
Research output: Contribution to journal › Journal article – Annual report year: 2004 › Research › peer-review

Lipopolysaccharide contamination of beta-lactoglobulin affects the immune response against Intraperitoneally and orally administered antigen
Research output: Contribution to journal › Journal article – Annual report year: 2004 › Research › peer-review

Immunomodulatory effects induced by endotoxin present in some commercial β-lactoglobulin preparations
Research output: Contribution to conference › Poster – Annual report year: 2003 › Research › peer-review

Immunostimulatory Potential of β-Lactoglobulin Preparations: Effects Caused by Endotoxin Contamination
Research output: Contribution to journal › Journal article – Annual report year: 2003 › Research › peer-review

Abolishment of maternally induced oral tolerance to β-lactoglobulin in adult mice by feeding a milk-free diet from weaning
Research output: Non-textual form › Sound/Visual production (digital) – Annual report year: 2001 › Research

Influence of the diet on the specific immune response against soy proteins in mice
Research output: Contribution to conference › Poster – Annual report year: 2001 › Research › peer-review

Transfer of tolerance to β-lactoglobulin from mothers to offspring: A four generation study in mice
Research output: Contribution to conference › Poster – Annual report year: 2001 › Research › peer-review

Analysis of immuno-modulating capacity of peptides from bovine β-casein
Research output: Non-textual form › Sound/Visual production (digital) – Annual report year: 2000 › Research

Characterisation of immunomodulating components in milk
Research output: Non-textual form › Sound/Visual production (digital) – Annual report year: 2000 › Research

Projects:

Structural and functional studies of MARCH5
Project: PhD

The influence of the gut microbiome on anti-cancer therapy
Project: PhD
The influence of the gut microbiome on anti-cancer therapy
Project: PhD

Systems Biology of the Infant Gut Microbiome
Project: PhD

Karakterisering af immun-modulerende komponenter i mælk
Project: PhD

Selective gut microbiome-immune interplays to identify major disease-driving bacteria and early life dynamics in microbiome establishment
Project: PhD

Gut-microbiome-brain-axis signaling affecting pro-inflammatory cues and energy metabolism
Project: PhD

Integrative Systems Immunology in Childhood Asthma
Project: PhD

Characterization of novel non-invasive biomarkers for extracellular matrix remodeling in fibrosis and discovery of new targets for biomarker development
Project: PhD

Identification and Use of Biomarkers Reflecting Extracellular Matrix Remodeling in Cancer
Project: PhD

Development and Testing of Translational Ex Vivo Models for use in Drug Development in Inflammatory Osteoarthritis and Rheumatoid Arthritis
Project: PhD

Accelerating development of vaccines against cancer with pigs as a large animal model
Project: PhD

A novel treatment for obesity and co-morbidities thereof
Project: PhD

Immune Recognition of Latency-instigating Pathogens by Human Dendritic Cells
Project: PhD

Transcriptomic analysis of human gut microbiome
Project: PhD

Genomics based Simulation of the Immune System
Project: PhD

Celle Biologiske studier af protease aktiverede liposomale drug delivery
Project: PhD

Biomarkers and their use in age-related disease prediction - exploring risk factors for development of Alzheimer’s disease
Project: PhD
Biomarkers and their use in age-related disease prediction - exploring the relationship between obesity and type II diabetes
Project: PhD

Analysis of the T cell immune response in Yellow fever virus and HIV infections
Project: PhD

Nutrigenomic Studies of Interactions between gut Microbiota, Enterocytes and the Immune System
Project: PhD

Immunomodulating Effects of Dietary Fibre
Project: PhD

Improved nutritional Properties of dairy fat from cows feed green plant material - the role of peroxime Proliferator-activator recepter agonists
Project: PhD

Prebiotics for Prevention of Gut Infections
Project: PhD

The role of fetal exposures to endotoxins in fetal programming of metabolic syndrome
Project: PhD

Regulation of Host Metabolism by the Gut Microbiota
Project: PhD

Deciphering complex regulatory traits relating to host metabolism and immunity
Project: PhD

Extracellular matrix remodeling in cardiovascular and renal fibrosis
Project: Research

Prebiotics for Prevention of Gastrointestinal Infections
Project: Research

NUTRIPEA
Project: Research

Characterization of immune stimulating components in milk
Project: Research

PreGI - Prebiotics for Prevention of Gut Infections
Project: Research

Activities:

European Commission (External organisation)
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

Deakin University
Activity: Visiting an external institution › Visiting another research institution
Member of the Danish reference group for the EU-IMI program (External organisation)
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

Panel member of Medical and Health Sciences under the National Research Council in Portugal (External organisation)
Activity: Membership › Membership in review committee

InFLAME (External organisation)
Activity: Membership › Membership of research networks or expert groups

Cambridge University Press (External organisation)
Activity: Membership › Membership in review committee

Press clippings:

The season of birth can influence the health of your child
Press/Media: Press / Media

Asthma-free with no hay fever? Thank your older sibling
Press/Media: Press / Media

Ny dansk forskning underbygger: Din fødselsmåned kan afgøre om du får gigt eller astma
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The birth season influences your unborn child's immune response
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Dit immunforsvar slapper af om sommeren
Press/Media: Press / Media

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