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Kort præsentation

Jeg er proteinkemiker med 15 års erfaring indenfor massespektrometri-baseret protein-analyse og cellebiologi. Min forskning fokuserer på at etablere analytiske metoder til analyse af proteiner og deres modifikationer og at udnytte disse metoder til at studere, hvordan forskellige behandlinger af fødevarer påvirker modifikationerne og dermed proteinerne struktur og funktion.

Kvalifikationer

Biokemi og molekylærbiologi, Ph.d., Inst. for Biokemi og Molekylærbiologi, Syddansk Universitet
1 mar. 2008 → 28 jun. 2011
Dimissionsdato: 15 sep. 2011

Biokemi og molekylærbiologi, M.Sc., Inst. for Biokemi og Molekylærbiologi, Syddansk Universitet
Dimissionsdato: 15 mar. 2008

Biokemi og molekylærbiologi, B.Sc., Inst. for Biokemi og Molekylærbiologi, Syddansk Universitet
Dimissionsdato: 30 aug. 2005

Ansættelse

Postdoc
Ingredient and Dairy Technology
Københavns Universitet
Frederiksberg C
20 nov. 2017 → nu

Postdoc
Children's Medical Research Institute
Australien
1 jul. 2012 → 31 jul. 2017

Postdoc
Inst. for Biokemi og Molekylærbiologi, Syddansk Universitet
Odense, Danmark
1 jul. 2011 → 30 jun. 2012

Publikationer

A Gently Processed Skim Milk-Derived Whey Protein Concentrate for Infant Formula: Effects on Gut Development and Immunity in Preterm Pigs
Aasmul-Olsen, Karoline, Akıllıoğlu, H. G., Christiansen, Line Iadsatian, Engholm-Keller, Kasper, Brunse, Anders, Stefanova, Denitsa Vladimirova, Bjørnshave, A., Bechshøft, M. R., Skovgaard, K., Thymann, Thomas, Sangild, Per Torp, Lund, Marianne N. & Bering, Stine Brandt, 2024, I: Molecular Nutrition and Food Research. 68, 6, 2300458.

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The impact of lager brewing yeasts on flavor stability of pilot-scale beer during storage
Murmann, A. N., Bevilacqua, Marta, Danielsen, Bente Pia, Jansson, T., Engholm-Keller, Kasper, Poojary, Mahesha Manjunatha, Arneborg, Nils & Lund, Marianne N., 2024, I: European Food Research and Technology. 250, s. 715-725

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Site-Specific Characterization of Heat-Induced Disulfide Rearrangement in Beta-Lactoglobulin by Liquid Chromatography–Mass Spectrometry
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UHT treatment and storage of liquid infant formula affects protein digestion and release of bioactive peptides
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