

Publikationer

Angiotensin-(1-7) oral treatment after experimental myocardial infarction leads to downregulation of CXCR4

Gómez-Mendoza, D. P., Marques, F. D., Melo-Braga, M. N., Sprenger, R. R., Sinisterra, R. D., Kjeldsen, F., Santos, R. A. & Verano-Braga, T., 30. sep. 2019, I : Journal of Proteomics. 208, 11 s., 103486.

DirectMS1: MS/MS-free identification of 1000 proteins of cellular proteomes in 5 minutes

Ivanov, M. V., Bubis, J. A., Gorshkov, V., Tarasova, I. A., Levitsky, L. I., Lobas, A. A., Solovyeva, E. M., Pridatchenko, M. L., Kjeldsen, F. & Gorshkov, M. V., 5. sep. 2019, I : BioRxiv. 17 s.

Assessment of protein extraction and digestion efficiency of well-established shotgun protocols for heart proteomics

Rodrigues-Ribeiro, L., Melo-Braga, M. N., Kjeldsen, F., Gómez-Mendoza, D. P. & Verano-Braga, T., 1. aug. 2019, I : Analytical Biochemistry. 578, s. 51-59

Protein corona formed on silver nanoparticles in blood plasma is highly selective and resistant to physicochemical changes of the solution

Gorshkov, V., Bubis, J. A., Solovyeva, E. M., Gorshkov, M. V. & Kjeldsen, F., 18. mar. 2019, I : Environmental Science: Nano. 6, 4, s. 1089-1098

Silver nanoparticle-induced expression of proteins related to oxidative stress and neurodegeneration in an in vitro human blood-brain barrier model

Khan, A. M., Korzeniowska, B., Gorshkov, V., Tahir, M., Schrøder, H., Skytte, L., Rasmussen, K. L., Khandige, S., Møller-Jensen, J. & Kjeldsen, F., 9. jan. 2019, I : Nanotoxicology. 13, 2, s. 221-239

Five-Minute Proteome: An MS/MS-Free Approach to Protein Identification and Quantification

Ivanov, V., Bubis, J. A., Gorshkov, V., Tarasova, I. A., Solovyeva, E. M., Levitsky, L. I., Lobas, A. A., Pridatchenko, M. L., Kjeldsen, F. & Gorshkov, M. V., 2019.

Neutrophil Extracellular Trap Formation in the Lung as Response to Magnetic Cobalt Ferrite Nanoparticles

Billing, A., Knudsen, K. B., Wallin, H., Tang, S. VY., Lynch, I., Vogel, U. & Kjeldsen, F., 2019.

Searching for the Ethanol-Tolerant Yeast: Rpn4- and Proteasome-Dependent Yeast Proteome Remodeling in Response to Ethanol Stress

Bubis, J. A., Tarasova, I. A., Gorshkov, V., Karpov, V. L., Spasskaya, D. S., Kjeldsen, F., Gorshkov, M. V. & Karpov, D. S., 2019.

Co-exposure to silver nanoparticles and cadmium induce metabolic adaptation in HepG2 cells

Miranda, R. R., Gorshkov, V., Korzeniowska, B., Kempf, S. J., Neto, F. F. & Kjeldsen, F., 11. jul. 2018, I : Nanotoxicology. 12, 7, s. 781-795

SuperQuant-assisted comparative proteome analysis of glioblastoma subpopulations allows for identification of potential novel therapeutic targets and cell markers

Verano-Braga, T., Gorshkov, V., Munthe, S., Sørensen, M. D., Kristensen, B. W. & Kjeldsen, F., 6. feb. 2018, I : Oncotarget. 9, 10, s. 9400-9414

Comparative proteomics as a tool for identifying specific alterations within interferon response pathways in human glioblastoma multiforme cells

Tarasova, I. A., Tereshkova, A. V., Lobas, A. A., Solovyeva, E. M., Sidorenko, A. S., Gorshkov, V., Kjeldsen, F., Bubis, J. A., Ivanov, M. V., Ilina, I. Y., Moshkovskii, S. A., Chumakov, P. M. & Gorshkov, M. V., 1. jan. 2018, I : OncoTarget. 9, 2, s. 1785-1802

Co-exposure to silver nanoparticles and cadmium induce metabolic adaptation in HepG2 cells

Kjeldsen, F., 2018.

Co-exposure to silver nanoparticles and cadmium ions induces metabolic adaptation in HepG2 cells
Kjeldsen, F., 2018.

Comparative proteomics study for elucidation of potential mechanisms underlying yeast resistance to alcohols
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LC-MS/MS-based characterization of glioblastoma cell responses to type I interferons for establishing defects in antiviral mechanisms
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Perturbation of Protein Conformation has Minor Impact on Nanoparticle Corona Composition
Kjeldsen, F., 2018.

Proteome profiling of bronchioalveolar lavage fluid after exposure to magnetic iron and cobalt oxide nanoparticles
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Kjeldsen, F., 2017.

On the Authenticity of a Relic: An Archaeometric Investigation of the Supposed Bread Sack of Saint Francesco of Assisi
Rasmussen, K. L., Degano, I., Colombini, M. P., Kjeldsen, F. & van der Plicht, J., 2017, I : Radiocarbon: An International Journal of Cosmogenic Isotope Research. 59, 5, s. 1425-1433

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Peptide de novo sequencing of mixture tandem mass spectra
Gorshkov, V., Hotta, S. Y. K., Braga, T. V. & Kjeldsen, F., 19. sep. 2016, I : Proteomics. 16, 18, s. 2470-2479

High-performance hybrid Orbitrap mass spectrometers for quantitative proteome analysis: Observations and implications
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Charge Inversion of Phospholipids by Dimetal Complexes for Positive Ion-Mode Electrospray Ionization Mass Spectrometry Analysis
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SuperQuant: a Data Processing Approach to Increase Quantitative Proteome Coverage
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Q-Exactive Plus and Orbitrap Fusion: Determination of optimal settings for peptide and phosphopeptide identification

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Prediction of N-C α bond cleavage frequencies in electron capture dissociation of Trp-cage dications by force-field molecular dynamics simulations

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Physicochemical properties determining the detection probability of tryptic peptides in Fourier transform mass spectrometry. A correlation study

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Complete characterization of posttranslational modification sites in the bovine milk protein PP3 by tandem mass spectrometry with electron capture dissociation as the last stage

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Distinguishing of Ile/Leu amino acid residues in the PP3 protein by (hot) electron capture dissociation in Fourier transform ion cyclotron resonance mass spectrometry

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Letter: The diagnostic value of amino acid side-chain losses in electron capture dissociation of polypeptides. Comment on: "Can the (M⁺-X) region in electron capture dissociation provide reliable information on amino acid composition of polypeptides?", Eur. J. Mass Spectrom. 8, 461-469 (2002)

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Secondary losses via γ -lactam formation in hot electron capture dissociation: A missing link to complete de Novo sequencing of proteins?

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Distinguishing of Ile and Leu residues in the PP3 protein by (hot) electron capture dissociation

Kjeldsen, F. & Zubarev, R. A., 1. dec. 2002, s. 103-104. 2 s.

Can the (M⁺ - X) region in electron capture dissociation provide reliable information on amino acid composition of polypeptides

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Improved low-energy electron injection systems for high rate electron capture dissociation in Fourier transform ion cyclotron resonance mass spectrometry

Tsybin, Y. O., Håkansson, P., Budnik, B. A., Haselmann, K. F., Kjeldsen, F., Gorshkov, M. & Zubarev, R. A., 2001, I : Rapid Communications in Mass Spectrometry.

Quantitative analysis of aroma compounds in carrot (*Daucus carota* L.) cultivars by capillary gas chromatography using large-volume injection technique

Kjeldsen, F., Christensen, L. P. & Edelenbos, M., 2001, I : Journal of Agricultural and Food Chemistry. 49, 9, s. 4342-4348 7 s., jf010213n.

Aktiviteter

Uppsala University (Ekstern organisation)

Frank Kjeldsen (Medlem)

12. sep. 2013

UPPCON 2007

Frank Kjeldsen (Deltager)

3. dec. 2007 → 7. aug. 2008

universitetspædagogikum

Frank Kjeldsen (Deltager)

11. jan. 2010 → 12. jan. 2010

Ukendt (Ekstern organisation)

Frank Kjeldsen (Deltager)

3. dec. 2014

The IV International Caparica Conference in Analytical Proteomics 2015

Frank Kjeldsen (Deltager)

7. sep. 2015 → 9. sep. 2015

Syddansk Universitet (Ekstern organisation)

Frank Kjeldsen (Formand)
22. sep. 2013 → 22. jan. 2014

Swedish Mass Spectrometry Society annual symposium

Frank Kjeldsen (Deltager)
5. okt. 2014 → 7. okt. 2014

SuperQuant: A data processing algorithm for increasing quantitative proteome coverage in complex protein samples

Frank Kjeldsen (Foredragsholder)
7. sep. 2015 → 9. sep. 2015

SuperQuant: A Data Pre-Processing Algorithm for Increasing Quantitative Proteome Coverage

Frank Kjeldsen (Andet)
26. okt. 2015

SEAGal: the method to fish for uncommon phosphorylations

Frank Kjeldsen (Taler)
28. aug. 2018

Research Management Course - Uddannelse for forskningsledere

Frank Kjeldsen (Deltager)
8. nov. 2017 → 19. jan. 2018

Protection of Labile Phosphate Ester Groups by Novel Metal Complex Chemistry

Frank Kjeldsen (Foredragsholder)
20. nov. 2012

Protection of Labile Phosphate Ester Groups by Novel Metal Complex Chemistry

Frank Kjeldsen (Foredragsholder)
27. maj 2014

Projektleddelse for forskere

Frank Kjeldsen (Deltager)
15. apr. 2010 → 27. maj 2010

Panum (Ekstern organisation)

Frank Kjeldsen (Medlem)
15. jan. 2013

NanoTox 2018

Frank Kjeldsen (Deltager)
18. sep. 2018 → 21. sep. 2018

nano

Frank Kjeldsen (Deltager)
22. feb. 2011

Mass Spectrometry Reviews (Tidsskrift)

Frank Kjeldsen (Peer reviewer)
6. sep. 2011

Mass spectral interrogation and novel chemical solutions to proteomics studies

Frank Kjeldsen (Foredragsholder)

19. jan. 2012 → 20. jan. 2012

LMC Congress Food in Front

Frank Kjeldsen (Deltager)

23. maj 2011 → 24. maj 2011

konference

Frank Kjeldsen (Deltager)

24. okt. 2010 → 27. okt. 2010

Københavns Universitet (Ekstern organisation)

Frank Kjeldsen (Medlem)

9. jan. 2014

Keynote: Investigating the chemistry of metals to advance methods for mass spectrometric analysis of phosphate containing biomolecules

Frank Kjeldsen (Foredragsholder)

7. okt. 2014

Journal of Proteome Research (Tidsskrift)

Frank Kjeldsen (Redaktør)

1. jan. 2010

Journal of proteome research (Tidsskrift)

Frank Kjeldsen (Redaktør)

1. jan. 2010

Journal of Agricultural and Food Chemistry (Tidsskrift)

Frank Kjeldsen (Peer reviewer)

14. sep. 2011

IMSC 2018

Frank Kjeldsen (Deltager)

26. aug. 2018 → 31. aug. 2018

imsc 2014 - 20th International Mass Spectrometry Conference

Frank Kjeldsen (Deltager)

29. aug. 2014

imsc 2014 - 20th International Mass Spectrometry Conference

Frank Kjeldsen (Deltager)

24. aug. 2014 → 29. aug. 2014

Improving Protein Identifications by Utilization of Amino Acid Composition Information Extracted from High-mass Accuracy ETD and HCD Spectra

Frank Kjeldsen (Foredragsholder)

8. nov. 2011 → 9. nov. 2011

HUPO 2017

Frank Kjeldsen (Deltager)

17. sep. 2017 → 21. sep. 2017

HUPO 2015

Frank Kjeldsen (Deltager)
26. sep. 2015 → 30. sep. 2015

Electrons – the Magic Bullets in Mass Spectrometry

Frank Kjeldsen (Underviser)
15. nov. 2010

DAPSOC

Frank Kjeldsen (Deltager)
3. dec. 2013

Dansk Selskab for Massespektrometri

Frank Kjeldsen (Deltager)
21. jan. 2010 → 22. jan. 2010

Charge Inversion of Phospholipids by Dimetal Complexes for Positive Ion-mode Mass Spectrometry

Frank Kjeldsen (Foredragsholder)
30. nov. 2015

Censor ved NAT501

Frank Kjeldsen (Censor)
24. jun. 2010 → 25. jun. 2010

Can nanoparticles disturb human cell biology?

Frank Kjeldsen (Foredragsholder)
7. jun. 2018

Biological mass spectrometry in proteomics

Frank Kjeldsen (Foredragsholder)
28. okt. 2009

Assessment of nano-bio interactions and characterization of nanoparticle corona using proteomics

Frank Kjeldsen (Foredragsholder)
4. dec. 2018

American Society for Mass Spectrometry

Frank Kjeldsen (Deltager)
9. jun. 2013 → 13. jun. 2013

Analytical Chemistry (Tidsskrift)

Frank Kjeldsen (Redaktør)
1. jan. 2010

Analytical Chemistry (Tidsskrift)

Frank Kjeldsen (Redaktør)
1. jan. 2010

American Society of Mass Spectrometry

Frank Kjeldsen (Deltager)
2. jun. 2007 → 7. feb. 2008

American Society for Mass Spectrometry

Frank Kjeldsen (Deltager)
30. maj 2009 → 4. jun. 2009

American Society for mass spectrometry

Frank Kjeldsen (Deltager)
30. maj 2010 → 3. jun. 2010

Adjunkt bedømmelse (Ekstern organisation)

Frank Kjeldsen (Medlem)
2011

6th International Singapore Lipid Symposium

Frank Kjeldsen (Deltager)
30. nov. 2015 → 2. dec. 2015

"Kan nanopartikler påvirke menneskeceller"?

Frank Kjeldsen (Foredragsholder)
23. maj 2019

The fifth element in mass spectrometry-based proteomic studies

Frank Kjeldsen (Foredragsholder)
15. dec. 2009

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