Kit Granby - DTU Orbit (12/03/2019)
Granby, Kit
kgra@food.dtu.dk
National Food Institute - Associate Professor
Research group for Analytical Food Chemistry

Research outputs:

Levels of Pesticides in Food and Food Safety Aspects
Granby, K., Petersen, A., Herrmann, S. S. & Poulsen, M. E. 2019 Food and Environmental Samples. Tadeo, . J. L. (ed.).
2 ed. CRC Press
Research output: Research - peer-review › Book chapter – Annual report year: 2019

Occurrence of cyclic imines in European commercial seafood and consumers risk assessment
Research output: Research - peer-review › Journal article – Annual report year: 2018

Combined effects of microplastics and chemical contaminants on the organ toxicity of zebrafish ( Danio rerio )
Research output: Research - peer-review › Journal article – Annual report year: 2018

Environmental Toxicology: Plastics
Research output: Research - peer-review › Encyclopedia chapter – Annual report year: 2018

Exploring the chemistry of complex samples by tentative identification and semi-quantification: a food contact material case
Pieke, E. N., Smedsgaard, J. & Granby, K. 2018 In : Journal of Mass Spectrometry. 53, 4, p. 323-335
Research output: Research - peer-review › Journal article – Annual report year: 2018

Pharmaceuticals and endocrine disruptors in raw and cooked seafood from European market: Concentrations and human exposure levels
Research output: Research - peer-review › Journal article – Annual report year: 2018

Prioritization before risk assessment: The viability of uncertain data on food contact materials
Research output: Research - peer-review › Journal article – Annual report year: 2018

The influence of microplastics and halogenated contaminants in feed on toxicokinetics and gene expression in European seabass (Dicentrarchus labrax)
UV-filters and musk fragrances in seafood commercialized in Europe Union: Occurrence, risk and exposure assessment

Vurdering af metode til bestemmelse af total organisk fluor (TOF) i fødevarekontaktmaterialer og bestemmelse af baggrunds niveau for TOF i pap og papir

A framework to estimate concentrations of potentially unknown substances by semi-quantification in liquid chromatography electrospray ionization mass spectrometry

An effect-directed strategy for characterizing emerging chemicals in food contact materials made from paper and board

Carryover of CH₃Hg from feed to sea bass and salmon

Carryover of methylmercury from feed to seabass and salmon

Cyclic imines identification and confirmation in European commercial shellfish and seaweed samples

Effectiveness of a temperature control system in home induction hobs to reduce acrylamide formation during pan frying

Effect of cooking on levels of contaminants of emerging concern in commercial seafood

Effects of industrial processing on essential elements and regulated and emerging contaminant levels in seafood
Rasmussen, R. R., Bage Søndergaard, A., Beknæs, N., Cederberg, T. L., Sloth, J. J. & Granby, K. 2017 In : Food and Chemical Toxicology. 104, p. 85-94
Effects of industrial processing on regulated and emerging contaminant levels in seafood
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2017

Occurrence of flame retardants in European seafood and consumer risk assessment
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2017

Occurrence of halogenated flame retardants in commercial seafood species available in European markets
Research output: Research - peer-review › Journal article – Annual report year: 2017

Pharmaceuticals and endocrine disruptors in raw and cooked seafood from European markets: human health risk assessment
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2017

Recycling of plastic waste: Screening for brominated flame retardants (BFRs)
Research output: Research - peer-review › Journal article – Annual report year: 2017

Safety assessment of contaminants of emerging concern in seafood: Contributions of the ECsafeSEAFOOD project
Marques, A. T., Rodríguez-Mozaz, S. & Granby, K. 2017 In : Food and Chemical Toxicology. 104, p. 1-2
Research output: Research - peer-review › Journal article – Annual report year: 2017

The influence of microplastic inclusion in feed on carryover of environmental pollutants from feed to seabass and salmon
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2017

Toxicity of emerging chemical contaminants evaluated in vivo with classic and alternative approaches using the zebrafish animal model
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2017

UV-filters and musk fragrances in European seafood: Occurrence and risk assessment
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2017

Acrylamide reduction in fried potato slices and strips by using asparaginase in combination with conventional blanching
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2016
Burden of disease of dietary exposure to acrylamide in Denmark
Research output: Research - peer-review › Journal article – Annual report year: 2016

Chemical Contaminants: Food monitoring 2012-2013
Research output: Commissioned › Report – Annual report year: 2016

Chemicals in Paper and Board Food Contact Material: Towards More Knowledge, Analytical and Prioritization Analysis
Research output: Research - peer-review › Poster – Annual report year: 2016

Chemicals in Paper and Board Food Contact Material: Towards More Knowledge, Analytical and Prioritization Analysis
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2016

Cyclic imines evaluation in European commercial shellfish samples
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2016

Effects of dietary microplastic exposure on the organ toxicity of a mixture of chemical contaminants in zebrafish
Research output: Research › Poster – Annual report year: 2016

Effects of dietary microplastic exposure on the organ toxicity of a mixture of chemical contaminants in zebrafish (Danio rerio)
Research output: Research › Conference abstract in journal – Annual report year: 2016

Evaluation of cyclic imines in commercial shellfish samples in Europe samples
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2016

Executive summary of the report on Joint FAO/WHO expert meeting on hazards associated with animal feed. (12-15 May 201, FAO, Rome)
Research output: Communication › Report – Annual report year: 2016

Levels of pharmaceuticals and endocrine disruptors in commercially available seafood before and after cooking
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2016

Mitigation of the processing contaminant acrylamide in bread by reducing asparagine in the bread dough
Research output: Research - peer-review › Journal article – Annual report year: 2016
Non-plastic food contact materials: classification of chemicals using predictive models
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2016

Non-targeted screening for contaminants in paper and board food-contact materials using effect-directed analysis and accurate mass spectrometry
Research output: Research - peer-review › Journal article – Annual report year: 2016

A critical view on microplastic quantification in aquatic organisms
Research output: Research - peer-review › Journal article – Annual report year: 2015

Analysis of primary aromatic amines (PAA) in black nylon kitchenware 2014: Selected samples from the Norwegian Market
Research output: Research - peer-review › Report – Annual report year: 2015

Dietary exposure to volatile and non-volatile N-nitrosamines from processed meat products in Denmark
Herrmann, S. S., Duedahl-Olesen, L., Christensen, T., Olesen, P. T. & Granby, K. 2015 In : Food and Chemical Toxicology. 80, p. 137-143 7 p.
Research output: Research - peer-review › Journal article – Annual report year: 2015

Formation and mitigation of N-nitrosamines in nitrite preserved cooked sausages
Research output: Research - peer-review › Journal article – Annual report year: 2015

Heat toxicant contaminant mitigation in potato chips
Research output: Research - peer-review › Journal article – Annual report year: 2015

'Mixture effects of chemicals' 'The Cocktail Project' Fedevarekemisk indsats under Fedevareforlig II 2011-2015
Research output: Commissioned › Report – Annual report year: 2015

Occurrence of volatile and non-volatile N-nitrosamines in processed meat products and the role of heat treatment
Research output: Research - peer-review › Journal article – Annual report year: 2015

Current issues in dietary acrylamide: formation, mitigation and risk assessment
Pedreschi, F., Salome Mariotti, M. & Granby, K. 2014 In : Journal of the Science of Food and Agriculture. 94, 1, p. 9-20
Research output: Research - peer-review › Journal article – Annual report year: 2013

Fractionation of extracts from paper and board food contact materials for in vitro screening of toxicity
Research output: Research - peer-review › Journal article – Annual report year: 2014
Furan and Alkylated Furans in Heat Processed Food, Including Home Cooked Products
Research output: Research - peer-review › Journal article – Annual report year: 2014

Levels and risk assessment of chemical contaminants in byproducts for animal feed in Denmark
Research output: Research - peer-review › Journal article – Annual report year: 2014

N-nitrosamines in processed meat products – analysis, occurrence, formation, mitigation and exposure
Research output: Research › Ph.D. thesis – Annual report year: 2014

Simultaneous determination of volatile and non-volatile nitrosamines in processed meat products by liquid chromatography tandem mass spectrometry using atmospheric pressure chemical ionisation and electrospray ionisation
Herrmann, S. S., Duedahl-Olesen, L. & Granby, K. 2014 In : Journal of Chromatography A. 1330, 4, p. 20-29
Research output: Research - peer-review › Journal article – Annual report year: 2014

Are Chileans exposed to dietary furan?
Research output: Research - peer-review › Journal article – Annual report year: 2014

Are Chileans exposed to dietary furan?
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2013

Chemical Contaminants. Food monitoring 2004-2011
Research output: Research › Report – Annual report year: 2013

Furan: A critical heat induced dietary contaminant
Mariotti, M. S., Granby, K., Rozowski, J. & Pedreschi, F. 2013 In : Food & Function. 4, 7, p. 1001-1015
Research output: Research - peer-review › Review – Annual report year: 2013

Furan in food including homemade and ready-to-eat food products
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2013

Influence of heating conditions and ascorbic acid concentration over furan formation in starchy model systems
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2013

Occurence and dietary exposure of volatile and non-volatile N-Nitrosamines in processed meat products
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2013

Occurrence of n-nitrosamines in processed meat products on the danish market and dietary exposure estimates
Optimization of a blanching process to reduce the furan level of potato crisps without increasing their oil uptake
Research output: Research › Conference abstract for conference – Annual report year: 2013

Parfluorinated compounds in fish and carryover from fishfeed to farmed rainbow trout
Research output: Research › Conference abstract for conference – Annual report year: 2013

Analysis of migration of polyfluorinated compounds from paper packaging into food matrices
Research output: Research › Conference abstract for conference – Annual report year: 2012

Determination of free and bound volatile and non-volatile nitrosamines in nitrite cured meat products
Research output: Research › Conference abstract for conference – Annual report year: 2012

Extraction method for the collection of volatile organic compounds in paper and cardboard food packaging materials
Research output: Research › Conference abstract for conference – Annual report year: 2012

Furan content and non-enzymatic browning in starchy food model systems
Research output: Research › Conference abstract in proceedings – Annual report year: 2013

Furan in food including homemade and ready-to-eat food products
Research output: Research › Conference abstract for conference – Annual report year: 2013

Furan Occurrence in Starchy Food Model Systems Processed at High Temperatures: Effect of Ascorbic Acid and Heating Conditions
Research output: Research › Conference abstract in proceedings – Annual report year: 2012

Potential contamination issues arising from the use of biofuel and food industry by-products in animal feed: Animal Feed Contamination: Effects on Livestock and Food Safety
Research output: Research › Conference abstract in proceedings – Annual report year: 2013

Acrylamide diminishing in potato chips by using commercial Asparaginase
Research output: Research › Conference abstract in proceedings – Annual report year: 2012

Acrylamide reduction in potato chips by using commercial asparaginase in combination with conventional blanching
Pedreschi, F., Mariotti, S., Granby, K. & Risum, J. 2011 In : Lebensmittel - Wissenschaft und Technologie. 44, 6, p. 1473-1476
Research output: Research › Conference abstract in proceedings – Annual report year: 2011

Biprodukter fra fødevare- og nonfoodindustrien til foderbrug - sikkerhed for mennesker og dyr
Fødevarer, Landbrug og Fiske.
Research output: Research - peer-review › Report – Annual report year: 2011

Estimation of dietary intake of PCB and organochlorine pesticides for children and adults
Research output: Research - peer-review › Journal article – Annual report year: 2011

Patented Techniques for Acrylamide Mitigation in High-Temperature Processed Foods
Research output: Research - peer-review › Journal article – Annual report year: 2012

Polyfluorinated surfactants (PFS) in paper and board coatings for food packaging
Trier, X., Granby, K. & Christensen, J. H. 2011 In : Environmental Science and Pollution Research. 18, 7, p. 1108-1120
Research output: Research - peer-review › Journal article – Annual report year: 2011

Processing Contaminants in Food Production
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2012

Tools to discover anionic and nonionic polyfluorinated alkyl surfactants by liquid chromatography electrospray ionisation mass spectrometry
Research output: Research - peer-review › Journal article – Annual report year: 2011

Acrylamide Mitigation in Potato Chips by Using NaCl
Pedreschi, F., Granby, K. & Risum, J. 2010 In : Food and Bioprocess Technology. 3, 6, p. 917-921
Research output: Research - peer-review › Journal article – Annual report year: 2010

Food sources of non dioxin-like PCBs (NDL-PCBs)
Research output: Research - peer-review › Journal article – Annual report year: 2010

Influence of smoking parameters on the concentration of polycyclic aromatic hydrocarbons (PAHs) in Danish smoked fish
Research output: Research - peer-review › Journal article – Annual report year: 2010

Acrylamid i maden, Fødevaresikkerhedsaspekter og muligheder for at mindske niveauerne- I fødevareindustrien eller hjemme hos forbruger
Granby, K. & Hedegaard, R. S. V. 2009 In : Dansk Kemi. 90, 1, p. 14-17
Research output: Communication › Journal article – Annual report year: 2009
Biomonitoring og fødevarer
Research output: Communication › Book chapter – Annual report year: 2009

Furan in heat processed food products including home cooked food products and ready-to-eat products
Research output: Research › Report – Annual report year: 2009

Mængden af PAH kan mindskes
Research output: Communication › Journal article – Annual report year: 2009

Acrylamide-asparagine relationship in baked/toasted wheat and rye breads
Research output: Research › peer-review › Journal article – Annual report year: 2008

Acrylamide generation in pre-treated potato chips
Pedreschi, F., Kaack, K. & Granby, K. 2008 In : Agro Food Industry Hi-Tech. 19, 1, p. 4-7
Research output: Research › Journal article – Annual report year: 2008

Acrylamide in bread. Effect of prooxidants and antioxidants
Hedegaard, R. S. V., Granby, K., Frandsen, H. L., Thygesen, J. & Skibsted, L. H. 2008 In : European Food Research and Technology. 227, 2, p. 519-525
Research output: Research › peer-review › Journal article – Annual report year: 2008

Acrylamide Mitigation Procedures in Fried Potatoes
Research output: Research › peer-review › Journal article – Annual report year: 2008

Children's exposure to Σ DDT from different food categories
Research output: Research › peer-review › Conference article – Annual report year: 2008

Dietary acrylamide intake from different foods for Danish consumer groups
Granby, K., Hedegaard, R. S. V. & Christensen, T. 2008
Research output: Research › Conference abstract for conference – Annual report year: 2008

Fødevaresikkerhed og sundhed i relation til økologiske fødevarer
Research output: Research › Book chapter – Annual report year: 2008

Formation of acrylamide in cheese bread
Research output: Research › peer-review › Journal article – Annual report year: 2008

Levels of Pesticides in Food and Food Safety Aspects
Research output: Research › Book chapter – Annual report year: 2008
Polymeric type polyfluorinated compounds in technical standards and from food contact materials
Research output: Research › Article in proceedings – Annual report year: 2008

Robust modelling of heat-induced reactions in an industrial food production process exemplified by acrylamide generation in breakfast cereals
Research output: Research - peer-review › Journal article – Annual report year: 2008

Testing for migration of Poly Fluorinated Compounds (PFCs) from coated paper food contact materials
Trier, X. T., Hjorth, K., Christensen, J. H. & Granby, K. 2008
Research output: Research › Poster – Annual report year: 2008

The effect of asparaginase on acrylamide formation in French fries
Research output: Research - peer-review › Journal article – Annual report year: 2008

Acrylamide Precursors: Limiting substrates and in vivo effect
Research output: Research › Report – Annual report year: 2007

Acrylamide precursors - Limiting substrates and in vivo effects (NORDACRYL)
Research output: Research › Report – Annual report year: 2007

Acrylamide reduction under different pre-treatments in French fries
Research output: Research - peer-review › Journal article – Annual report year: 2007

An intercomparison study of the determination of glyphosate, chlormequat and mepiquat residues in wheat
Research output: Research - peer-review › Journal article – Annual report year: 2007

Color development and acrylamide content of pre-dried potato chips
Research output: Research - peer-review › Journal article – Annual report year: 2007

Color kinetics and acrylamide formation in NaCl soaked potato chips
Research output: Research - peer-review › Journal article – Annual report year: 2007

Influence of water activity on acrylamide formation from glucose and asparagine in aqueous glycerol
Hedegaard, R. S. V., Frandsen, H. L., Granby, K., Apostolopoulou, A. & Skibsted, L. H. 2007 In : Journal of Agricultural and Food Chemistry. 55, p. 486-492
Research output: Research - peer-review › Journal article – Annual report year: 2007

Kilder og niveauer af kemiske fødevareforureninger
Research output: Research › Conference abstract for conference – Annual report year: 2007
Effect of asparagine and sugar potato content on acrylamide formation in French fries
Pedreschi, F., Kaack, K. & Granby, K. 2006
Research output: Research › Poster – Annual report year: 2006

Intake of PCB from fatty foods
Research output: Research › Conference abstract for conference – Annual report year: 2006

Intake of PCB from fatty foods
Research output: Research - peer-review › Journal article – Annual report year: 2006

Kartoflen: - Sund delikatesse eller fedende fyld
Research output: Communication › Net publication - Internet publication – Annual report year: 2006

Kartoflen - Sund delikatesse eller fedende fyld
Research output: Research › Journal article – Annual report year: 2006

LC-MS/MS analysis of Hexabromocyclododecane (HBCD) and tetrabromobisphenolA (TBBPA) flame retardants in food
Research output: Research - peer-review › Conference abstract for conference – Annual report year: 2006

LC-MS/MS analysis of Hexabromocyclododecane (HBCD) and tetrabromobisphenolA (TBBPA) flame retardants in food
Research output: Research › Poster – Annual report year: 2006

Chemical contaminants: Part 1
Research output: Research › Report chapter – Annual report year: 2005

Acrylamide in cereal products – from raw materials to industrial prospects
Granby, K. 2005
Research output: Research › Conference abstract for conference – Annual report year: 2005

Acrylamide occurrence and oil uptake in potato chips
Pedreschi, F. W., Moyano, P. C., Kaack, K. & Granby, K. 2005
Research output: Research › Poster – Annual report year: 2005

Acrylamide occurrence and oil uptake in potato chips
Pedreschi, F. W., Moyano, P. C., Kaack, K. & Granby, K. 2005
Research output: Research › Conference abstract for conference – Annual report year: 2005

Analyse af acrylamid, asparagine og reducerende sukkere i hvedebred
Nielsen, N. J., Granby, K., Skibsted, L. H. & Hedegaard, R. S. V. 2005 In : Dansk Kemi. 86, 5, p. 32-33
Research output: Communication › Journal article – Annual report year: 2005

Color changes and acrylamide formation in fried potato slices
Research output: Research - peer-review › Journal article – Annual report year: 2005
Levels of PCB in Cod Liver from Danish Waters 1988-2004
Research output: Research - peer-review › Conference article – Annual report year: 2005

Procesmodellering af acrylamiddannelse
Research output: Communication › Journal article – Annual report year: 2005

Reduction of acrylamide occurrence in fried potato strips
Pedreschi, F., Granby, K. & Kaack, K. 2005
Research output: Research › Conference abstract for conference – Annual report year: 2005

Reduction of the occurrence of acrylamide in potato chips
Pedreschi, F. W., Kaack, K. & Granby, K. 2005
Research output: Research › Poster – Annual report year: 2005

Samtidig analyse af acrylamid og udgangsstofferne for dets dannelse, asparagin og reducerende sukre, i hvedebrød
Research output: Communication › Journal article – Annual report year: 2005

Acrylamid i fødevarer
Research output: Communication › Journal article – Annual report year: 2004

Acrylamid i fødevarer kan mindskes
Granby, K. 2004 In : Externt FORVM. 6
Research output: Communication › Journal article – Annual report year: 2004

Analysis of acrylamide in coffee and dietary exposure to acrylamide from coffee
Research output: Research - peer-review › Conference article – Annual report year: 2004

Analysis of pesticides in fruit, vegetables and cereals using methanolic extraction and detection by LC-MS/MS
Research output: Research - peer-review › Journal article – Annual report year: 2004

Reduction of acrylamide formation in potato slices during frying
Pedreschi, F., Kaack, K. & Granby, K. 2004 In : Lebensmittel - Wissenschaft und Technologie. 37, 6, p. 679-685
Research output: Research - peer-review › Journal article – Annual report year: 2004

Analysis of glyphosate residues in cereals using liquid chromatography-mass spectrometry (LC-MS/MS)
Granby, K., Johannesen, S. & Gabrielsen, M. V. 2003 In : Food Additives and Contaminants. 20, 8, p. 692-698
Research output: Research - peer-review › Conference article – Annual report year: 2003

Cumulative risk assessment of the intake of organophosphorus and carbamate pesticides in the Danish diet
Jensen, A. F., Petersen, A. & Granby, K. 2003 In : Food Additives and Contaminants. 20, 8, p. 776-785
Research output: Research - peer-review › Journal article – Annual report year: 2003

Dannelse og reduktion af acrylamid i fødevarer
Granby, K. & Pedersen, T. 2003 In : Dansk Kemi. 4
Research output: Communication › Journal article – Annual report year: 2003
Processing factors and variability of pyrimethanil, fenhexamid and tolyfluanid in strawberries
Research output: Research - peer-review › Conference article – Annual report year: 2003

Reduktion af acrylamid i fødevarer
Granby, K. 2003 In : Plus Proces. 3
Research output: Communication › Journal article – Annual report year: 2003

Pesticide Residues in Fruits, Vegetables and Cereals in Denmark - 2001
Andersen, J. H., Poulson, M. E. & Granby, K. 2002
Research output: Research › Report – Annual report year: 2002

Pesticidrester i fødevarer 2001 - resultater fra den danske pesticidkontrol
Research output: Communication › Report – Annual report year: 2002

Investigation of the herbicide glyphosate and the plant growth regulators chlormequat and mepiquat in cereals produced in Denmark
Granby, K. & Gabrielsen, M. V. 2001 In : Food Additives and Contaminants. 18, 10, p. 898-905
Research output: Research - peer-review › Conference article – Annual report year: 2001

Method validation for strobilurin fungicides in cereals and fruit
Christensen, H. B. & Granby, K. 2001 In : Food Additives and Contaminants. 18, 10, p. 866-874
Research output: Research - peer-review › Conference article – Annual report year: 2001

Pesticide Residues in Fruits, Vegetables and Cereals in Denmark - 2000
Andersen, J. H., Granby, K. & Poulson, M. E. 2001
Research output: Research › Report – Annual report year: 2001

Undersøgelser for pesticidrester i dansk kvalitetshvede
Research output: Research › Book chapter – Annual report year: 2001

Analyse af glyphosat i korn via LC-MS/MS: In: Berg T. Kemiske Forureninger i Fødevarer
Research output: Communication › Journal article – Annual report year: 2000

Ingen fald i indhold af glyphosat og stråforkortere i korn
Research output: Communication › Journal article – Annual report year: 2000

Overvågningssystem for leverede smidler 1993-1997: Del III: Produktionshjælpemidler
Research output: Research › Report – Annual report year: 2000

Pesticidrester i Fødevarer 1999 - resultater fra den danske pesticidkontrol
Research output: Research › Report – Annual report year: 2000

Pesticidrester i fødevarer 2000 - resultater fra den danske pesticidkontrol
Validation of a Multiresidue Method for Analysis of Pesticides in Fruit, Vegetables and Cereals by GC/MS Iontrap System

Particulate and Gaseous Air Pollutants Measured in Malaysia during the 1997 Haze Episode

Pesticide Residues in Fruits, Vegetables and Cereals in Denmark - 1999
Andersen, J. H., Granby, K. & Poulsen, M. E. 1999

Pesticidrester i Fødevarer 1998 - resultater fra den danske pesticidkontrol

Fluxes of soluble gases in the marine atmosphere surface layer

Gaseous and particulate oxidized and reduced nitrogen species in the atmospheric boundary layer in Scandinavia in spring

Measurements of inorganic ions, organic & inorganic acids in Malaysia during the 1997 Haze Episode

Pesticide Residues in Fruits, Vegetables and Cereals in Denmark - 1997

Pesticidrester i danske levnedsmidler 1997

Stråforkortningsmidler i korn

Carboxylic acids: Seasonal variation and relation to chemical and meteorological parameters
Hydrocarbons and Organochlorines in the Common Mussels from the Kattegat and the Belts and their Relation to Condition Indexes

Observations of Particulate Organic Nitrates and unidentified components of NOy

Atmospheric Occurrence of Particulate Organic Nitrates

Background Ozone Contribution at a Non-remote TOR-site

Deposition of Gases and Particles in the PBL: Evaluation of the Influence of a Vertical Resolution in Atmospheric Transport Models

Diffusion Scrubber: A Technique for Measuring Ammonia

Diffusion Scrubber Technique used for Measurements of Atmospheric Ammonia

Dry Deposition Processes: (In Danish: Proceser for Tørdeposition)

EUROTRAC Annual Report, Part 3, Air Sea Exchange (ASE): Deposition of Nitrogen compounds to Danish Coastal Waters (A Contribution to subproject ASE)

H2O2 Measurements at Northern Latitudes
**H2O2 Measurements from Denmark and Northern Greenland**
Research output: Research › Article in proceedings – Annual report year: 1994

**Hydrogen Peroxide concentrations in relation to Mixing Heights at a Danish Sea Site and A Land Site: Comparison with a Trajectory Model**
Research output: Research › Article in proceedings – Annual report year: 1994

**Measurements of C1-C3 Carbonyls at the Danish TOR Station and in Central Copenhagen**
Research output: Research › Article in proceedings – Annual report year: 1994

**Organic Sulphur Compounds: Atmospheric Chemistry, Occurrence and Modelling**
Research output: Research › Article in proceedings – Annual report year: 1994

**Tropospheric Ozone Research (TOR)-station, Lille Valby, Denmark**
Research output: Research › Book chapter – Annual report year: 1994

**Deposition of Nitrogen Compounds to Danish Coastal Waters**
Research output: Research › Article in proceedings – Annual report year: 1993

**Measurements of H2O2 by a diffusion Scrubber Technique and by Collection on Ti(IV)-impregnated filters**
Research output: Research › Article in proceedings – Annual report year: 1993

**Measurements of Hydrogen Peroxide by a Diffusion Scrubber and By a Filter Method**
Research output: Research › Article in proceedings – Annual report year: 1993

**The DCAR TOR Station Lille Valby, Denmark**
Research output: Research › Book chapter – Annual report year: 1992

**Correlation between the Levels of PCBs and the Presence of Diseases in Common Dab**
Granby, K., Nielsen, E. & Mellergård, S. 1991 *International Council for Exploration of the Sea (ICES)*. Marine Environmental Quality Committee
Research output: Research › Article in proceedings – Annual report year: 1991

**Organochlorines In Danish and West Greenland Harbor Porpoises**
Research output: Research › Article in proceedings – Annual report year: 1991
PCB i Danske Farvande
Granby, K. & Aamann, M. 1988 In : Vand og Miljø. 2
Research output: Communication › Journal article – Annual report year: 1988

Input of Petroleum Hydrocarbons to the Danish Sea Areas and Levels Occurring in the Environment
Research output: Research › Article in proceedings – Annual report year: 1987

Granby, K. 1987
Research output: Research › peer-review › Report – Annual report year: 1987

Forureninger i konsumfisk fra farvandede omkring Harboøre Tange, Oktober 1983 - juli 1984: Rapport F85005
Research output: Research › Report – Annual report year: 1985

Projects:

Mass Spectrometry Profiling of Chemicals Migrating from Food Packaging
Lerch, M., Granby, K. & Nguyen, K. H.
15/01/2019 → 14/01/2022
Project: PhD

SEAFOOD-TOMORROW: Nutritious, safe and sustainable seafood for consumers of tomorrow. EU-H2020-project with 35 participants
Granby, K., Dalgaard, P., Sloth, J. J. & Larsen, B. K.
01/11/2017 → 31/10/2020
Project: Research

Identification and risk assessment of unknown contaminants migrating from Food Contact Materials
Technical University of Denmark
01/12/2014 → 16/05/2018
Project: PhD

Identification and quantification of antimicrobial and antioxidant peptides formed during processing of nitrite cured cooked pork products (IQ-Pork)
Samfinansieret - Andet
15/11/2014 → 30/09/2018
Project: PhD

Formation and mitigation of nitroso compounds in food
Herrmann, S. S., Granby, K., Duedahl-Olesen, L., Baron, C. P., Crews, C. & Lund, M. N.
Technical University of Denmark
01/06/2011 → 30/09/2014
Project: PhD

Design, fabrication and testing of support structures for biomimetic water filters
Taxvig, C., Nelleman, C., Granby, K., Kortenkamp, A. & Andersen, H. R.
Technical University of Denmark
01/03/2008 → 18/05/2011
Project: PhD
Quantification and risk assessment of unknown contaminants migrating from Food Contact Materials
Granby, K., Pieke, E. N. & Trier, X.
01/12/2014 → 30/11/2017
Project: Research

Brominated flame retardants in food
Cederberg, T. L., Fromberg, A. & Granby, K.
the National Food Institute
01/01/2005 → 31/12/2008
Project: Research

Cocktail: Cocktail - Combination effects of endocrine disrupters
Danish Veterinary and Food Administration
01/05/2011 → 31/12/2014
Project: Research

ECsafeSEAFOOD: ECSafeSEAFOOD. Priority environmental contaminants in seafood: safety assessment, impact and public perception
Granby, K., Sloth, J. J., Larsen, B. K. & Rasmussen, R. R.
15/02/2013 → 15/02/2017
Project: Research

Acrylamide in food: formation, occurrence and mitigation
Granby, K., Skibsted, L. H. & Pedreschi, F.
01/01/2002 → 31/12/2010
Project: Research

Biomonitoring and food
01/01/2009 → 31/12/2013
Project: Research

Smoking of trout - The influence of process parameters on product quality (PAHs)
Binderup, M., Granby, K. & Duedahl-Olesen, L.
01/01/2006 → 30/04/2008
Project: Research

Activities:

Furan in breakfast cereals - food safety aspects
Granby, K. (Guest lecturer)
20 Sep 2018
Activity: Talks and presentations › Talks and presentations in private or public companies and organisations

From feed to fish: Effects of contaminant transfer from feed to fish and influence of microplastics
Granby, K. (Lecturer)
30 May 2016 → 31 May 2016
Activity: Talks and presentations › Conference presentations

Risk assessment of contaminants from seafood consumption
Granby, K. (Lecturer)
30 May 2016 → 31 May 2016
Acrylamid i fødevarer- og hvordan det kan reduceres?
Granby, K. (Lecturer)
18 Nov 2015

Mejeriprodukter i relation til kemisk fødevaresikkerhed
Granby, K. (Invited speaker)
23 Apr 2015

Akrylamid i kaffe
Granby, K. (Invited speaker)
2 Dec 2014

Studies on microplastic/ contaminants in fish
Granby, K. (Guest lecturer)
30 Sep 2014

XVIIIth World Congress of the International Commission of Agricultural and Biosystems Engineering
Granby, K. (Participant)
13 Jun 2010 → 17 Jun 2010

Netværk og National Funding
Granby, K. (Participant)
7 Jan 2010 → 8 Jan 2010

Acrylamide in cereals
Granby, K. (Speaker)
3 Nov 2009 → 4 Nov 2009

Ibero American Congress In Food Engineering
Granby, K. (Organizer)
6 Sep 2009 → 9 Sep 2009

Investigations of by-products and carry over from feed to food: Carry-over of chemicals from feed to food products of animal origin
Granby, K. (Speaker)
13 May 2009 → 14 May 2009

Hvad er forekomsten og indtaget af hormonforstyrrende stoffer fra kosten?
Granby, K. (Speaker)
9 Jun 2008

Acrylamide in cereal products – from raw materials to industrial prospects
Granby, K. (Speaker)
1 Jan 2005 → …
Reduction of acrylamide occurrence in fried potato strips
Granby, K. (Speaker)
1 Jan 2005 → …

Pesticidkontrol af fødevarer
Granby, K. (Speaker)
1 Jan 2002 → …

Press clippings:

Mikroplastik
Kit Granby
23/10/2017
1 item of media coverage
Press/Media: Press / Media

Mikroplastik
Kit Granby
13/09/2016
1 media contribution
Press/Media: Press / Media

Mikroplastik
Kit Granby
18/04/2016
1 media contribution
Press/Media: Press / Media

Akrylamid og mepiquat i kaffe
Kit Granby
29/02/2016
1 media contribution
Press/Media: Press / Media

Akrylamid i fødevarer
Kit Granby
18/09/2015
1 media contribution
Press/Media: Press / Media

Akrylamid
Kit Granby
08/06/2015
1 media contribution
Press/Media: Press / Media

Akrylamid
Kit Granby
13/03/2015
1 media contribution
Press/Media: Press / Media
Akrylamid
Kit Granby
13/03/2015
1 media contribution
Press/Media: Press / Media

Brændt mad er kræftfremkaldende
Kit Granby
18/02/2015
1 media contribution
Press/Media: Press / Media

Akrylamid i pommes frites fra Flensted
Kit Granby
16/01/2015
1 media contribution
Press/Media: Press / Media

Perfluorstoffer i fisk
Kit Granby
15/09/2014
1 media contribution
Press/Media: Press / Media

Kaffe
Kit Granby
11/06/2013
1 media contribution
Akrylamid i maden
Kit Granby
25/03/2013
1 media contribution
Press/Media: Press / Media

Usunde stoffer i maden
Kit Granby
01/01/2009
1 media contribution
Press/Media: Press / Media

Akrylamid i fødevarer
Kit Granby
01/01/2009
1 media contribution
Press/Media: Press / Media