

## Research outputs

Listing of Research outputs

**Comparative study of concatemer efficiency as an isotope-labelled internal standard for allergen quantification.** / Gavage, Maxime; Van Vlierberghe, Kaatje; Van Poucke, Christof; De Loose, Marc; Gevaert, Kris; Dieu, Marc; Renard, Patsy; Arnould, Thierry; Filee, Patrice; Gillard, Nathalie.  
In: FOOD CHEMISTRY, 06.2020.

Research output: Contribution to journal › Article

**High-resolution mass spectrometry-based selection of peanut peptide biomarkers considering food processing and market type variation.** / Gavage, Maxime; Van Vlierberghe, Kaatje; Van Poucke, Christof; De Loose, Marc; Gevaert, Kris; Dieu, Marc; Renard, Patsy; Arnould, Thierry; Gillard, Nathalie.

In: FOOD CHEMISTRY, Vol. 304, 30.01.2020.

Research output: Contribution to journal › A1: Web of Science-article

**High resolution mass spectrometry identification of peptide biomarkers for the development of a quantitative reference method: application to egg.** / Gavage, Maxime; Van Vlierberghe, Kaatje; Van Poucke, Christof; De Loose, Marc; Gevaert, Kris; Dieu, Marc; Renard, Patsy; Arnould, Thierry; Gillard, Nathalie.

2019. Poster session presented at Food Allergy Forum, Amsterdam, Netherlands.

Research output: Contribution to conference › Poster

**Selection of universal peptide biomarkers for the detection of the allergen hazelnut in food through a comprehensive, high resolution mass spectrometric (HRMS) based approach.** / Van Vlierberghe, Kaatje; Gavage, Maxime; Dieu, Marc; Renard, Patsy; Arnould, Thierry; Gillard, Nathalie; Coudijzer, Katleen.; De Loose, Marc; Gevaert, K.; Van Poucke, C.

In: FOOD CHEMISTRY, 10.2019, p. 125679.

Research output: Contribution to journal › Article

**Quantification of allergens in processed food products: selection of peptide biomarkers by high resolution mass spectrometry.** / Gavage, Maxime; Van Vlierberghe, Kaatje; Van Poucke, Christof; De Loose, Marc; Gevaert, Kris; Dieu, Marc; Renard, Patsy; Arnould, Thierry; Gillard, Nathalie.

2018. Poster session presented at Frontiers in Food Allergy and Allergen Risk Assessment and Management, Madrid, Spain.

Research output: Contribution to conference › Poster

**Selection of egg peptide biomarkers in processed food products by high resolution mass spectrometry.** / Gavage, M.; Van Vlierberghe, K.; Van Poucke, C.; De Loose, M.; Gevaert, K.; Dieu, M.; Renard, P.; Arnould, T.; Gillard, N.

In: Journal of Chromatography A, 11.2018.

Research output: Contribution to journal › Article

**Development of a reference method for multiple allergens detection Introduction to the Allersens project.** / Gavage, Maxime; Van Vlierberghe, Kaatje; Van Poucke, Christof; De Loose, Marc; Dieu, Marc; Renard, Patsy; Arnould, Thierry; Gillard, Nathalie.

2017. Trends in Food Analysis VIII, Gent, Belgium.

Research output: Contribution to conference › C3: Conference - meeting abstract

**Selection of peptide biomarkers by High Resolution Mass Spectrometry to develop a reference method allowing the quantification of allergens in processed food products.** / Gavage, Maxime; Van Vlierberghe, Kaatje; Van Poucke, Christof; De Loose, Marc; Gevaert, Kris; Dieu, Marc; Renard, Patsy; Arnould, Thierry; Gillard, Nathalie.

2017. 154 Recent advances in Food Analysis, Praag, Czech Republic.

Research output: Contribution to conference › C3: Conference - meeting abstract

**Detecting allergens in processed foods: the development of a multi-allergen LC-MS/MS method for baked goods.** / Van Poucke, Christof; Van Vlierberghe, Kaatje; Taverniers, Isabel; De Loose, Marc.

2017. Improving Allergy Risk Assessment Strategy for new food proteins, Helsingor, Denmark.

Research output: Contribution to conference › C3: Conference - meeting abstract

**Production of food matrices containing allergens by various processing techniques for the identification of proteotypic peptides robust to processing for the detection of allergens in food.** / Van Vlierberghe, Kaatje; Gavage, Maxime; Dieu, Marc; Renard, Patsy; Arnould, Thierry; Gillard, Nathalie; Gevaert, Kris; Coudijzer, Katleen; De Loose, Marc; Van Poucke, Christof.

2017. Trends in Food Analysis VIII, Gent, Belgium.

Research output: Contribution to conference › C3: Conference - meeting abstract

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