

**Plan d'appui scientifique à la recherche prénormative dans le  
secteur alimentaire dans un contexte de développement durable**

**Stratégie intégrée d'analyse qualitative et  
quantitative des résidus de substances  
antimicrobiennes dans les denrées alimentaires**

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**Contrat NP/12/35**

Services scientifiques du premier Ministre  
Affaires scientifiques, techniques et culturelles  
(SSTC)

## 8.2 Annexes au rapport de l'Université de Gand

8.2.1 *Liste des publications et communications**Publicaties (Internationale tijdschriften)*

Validation of a liquid chromatographic – mass spectrometric method for the determination of residues of tetracyclines in meat.

Nico Van Eeckout, Jose Castro Perez and Carlos Van Peteghem

*In preparation*

Validation of a liquid chromatographic – mass spectrometric method for the determination of residues of sulfonamides in meat.

Nico Van Eeckout, Jose Castro Perez and Carlos Van Peteghem

*In preparation*

Determination of eight sulfonamides in bovine kidney by liquid chromatography/tandem mass spectrometry with on-line extraction and sample clean-up.

Nico Van Eeckout, Jose Castro Perez and Carlos Van Peteghem

*Rapid Communications in Mass Spectrometry*, 14 (24), 2331-2338 (2000)

Determination of tetracyclines in bovine kidney by liquid chromatography/tandem mass spectrometry with on-line extraction and clean-up.

Nico Van Eeckout, Jose Castro Perez, Jan Claereboudt, Renaat Vandeputte and Carlos Van Peteghem

*Rapid Communications in Mass Spectrometry*, 14, 280-285 (2000)

New Database on hormone and veterinary drug residue determination in animal products.

Nico Van Eeckout, Carlos Van Peteghem, Vincent Helbo, Guy Maghuin-Rogister and Marc Cornelis

*Analyst*, 1998, 123, 2423-2427

*Publicaties (Abstracts)*

Determination of stanozolol and 16 $\beta$ -hydroxystanozolol in bovine urine by liquid chromatography – mass spectrometry.

N. Van Eeckout, S. Patel, J. Claereboudt and C. Van Peteghem

Micromass Poster publication N° MMP/109/LAG/V1.00., Micromass Ltd., Manchester, UK.

Determination of stanozolol and 16 $\beta$ -hydroxystanozolol in bovine urine by LC/MS/MS.

N. Van Eeckout, S. Patel, J. Claereboudt and C. Van Peteghem

Abstractsbook of the 5th Annual Meeting on Mass Spectrometry in Pharmaceutical Analysis, Braine-l'Alleud, September 22, 2000

A data base on the Residue Conferences

S. Impens, H.F. De Brabander, K. De Wasch, L. Van Ginkel, R. Stephany, R. Schilt, N. Van Eeckout and C. Van Peteghem

Proceedings of Euroresidue IV, Conference on Residues of Veterinary Drugs in Food, Veldhoven, The Netherlands, May 8-10, 2000, 622-626

Determination of tetracyclines and sulfonamides in kidney by LC/MS/MS with on-line extraction and sample preparation.

N. Van Eeckout and C. Van Peteghem

Proceedings of Euroresidue IV, Conference on Residues of Veterinary Drugs in Food, Veldhoven, The Netherlands, May 8-10, 2000, 426-429.

Determination of tetracyclines in bovine kidney by LC-MS/MS with on-line extraction and sample preparation.

N. Van Eeckout, J. Castro Perez, R. Vandeputte, J. Claereboudt and C. Van Peteghem

Proceedings of the 47<sup>th</sup> ASMS Conference on Mass Spectrometry and Allied Topics, Dallas, June 13-17, 1999 (CD-ROM)

Standardization of hormone and veterinary drug residue analysis in animal products.

N. Van Eeckout, C. Van Peteghem, V. Helbo, G. Maghuin-Rogister and M. Cornelis  
Databank gepubliceerd op Internet (<http://cemu10.fmv.ulg.ac.be/OSTC>)

Standardization of hormone and veterinary drug residue analysis in animal products.

N. Van Eeckout, C. Van Peteghem, V. Helbo, G. Maghuin-Rogister and M. Cornelis  
Abstract book of the Third International Symposium on Hormone and Veterinary Drug Residue Analysis, Bruges, June 2-5, 1998, 7

Investigation of the activation of hyaluronidase by CaCl<sub>2</sub> using viscosimetry and gel permeation chromatography.

N. Van Eeckout, K. Vercruysse, A. Lauwers and J. Demeester

Archives of Physiology and Biochemistry, 1997, 105, B3

#### *Voordrachten / Bijdragen*

Determination of stanozolol and 16 $\beta$ -hydroxystanozolol in bovine urine by LC/MS/MS.  
(poster)

N. Van Eeckout, S. Patel, J. Claereboudt and C. Van Peteghem

5th Annual Meeting on Mass Spectrometry in Pharmaceutical Analysis, Braine-l'Alleud, September 22, 2000.

Determination of stanozolol and 16 $\beta$ -hydroxystanozolol in bovine urine by LC/MS/MS.  
(poster)

N. Van Eeckout, S. Patel, J. Claereboudt and C. Van Peteghem

15th International Mass Spectrometry Conference, Barcelona, Spain, August 27 – September 1, 2000

The use of LC/MS/MS in the determination of residues of veterinary drugs and hormones in foodstuffs.

(oral presentation)

N. Van Eeckout and C. Van Peteghem

8th International Congress of the European association for Veterinary Pharmacology and Toxicology, Jerusalem, Israel, July 30 – August 3, 2000

A data base on the Residue Conferences.

(oral presentation)

S. Impens, H.F. De Brabander, K. De Wasch, L. Van Ginkel, R. Stephany, R. Schilt, N. Van Eeckout and C. Van Peteghem  
Euroresidue IV – Conference on Residues of Veterinary Drugs in Food, Velhoven, The Netherlands, May 8-10, 2000

Determination of sulfonamides in kidney by LC/MS/MS with on-line extraction and sample clean-up.  
(poster)

N. Van Eeckout and C. Van Peteghem  
Euroresidue IV – Conference on Residues of Veterinary Drugs in Food, Veldhoven, The Netherlands, May 8-10, 2000

Determination of tetracyclines in bovine kidney by LC/MS/MS with on-line extraction and sample clean-up.  
(poster)

N. Van Eeckout, J. Castro Perez, J. Claereboudt and C. Van Peteghem  
Euroresidue IV – Conference on Residues of Veterinary Drugs in Food, Veldhoven, The Netherlands, May 8-10, 2000

Determination of tetracyclines in bovine kidney by LC-MS/MS with on-line extraction and sample preparation.  
(poster)

N. Van Eeckout, J. Castro Perez, R. Vandeputte, J. Claereboudt and C. Van Peteghem  
4<sup>th</sup> Annual Meeting on Mass Spectrometry of Oligomeric/Polymeric Materials and Biomolecules, Leuven, 9-10 September 1999

Determination of tetracyclines in bovine kidney by LC-MS/MS with on-line extraction and sample preparation.  
(oral presentation)

N. Van Eeckout, J. Castro Perez, R. Vandeputte, J. Claereboudt and C. Van Peteghem  
47<sup>th</sup> ASMS Conference on Mass Spectrometry and Allied Topics, Dallas, June 16, 1999

Geïntegreerd strategie voor de kwalitatieve en kwantitatieve residu-analyse van kiemgroeiremmende stoffen in levensmiddelen van dierlijke oorsprong (oral presentation)  
N. Van Eeckout, A. Janosi, G. Maghuin-Rogister en C. Van Peteghem  
Studiedag Prenormatief Onderzoek in de Voedingssector, 27 mei 1999, DWTC, Brussel

Standardization of hormone and veterinary drug residue analysis in animal products.  
(oral presentation)

N. Van Eeckout, C. Van Peteghem, V. Helbo, G. Maghuin-Rogister and M. Cornelis  
Third International Symposium on Hormone and Veterinary Drug Residue Analysis, Bruges, June 3, 1998.

*Deelname aan internationale wetenschappelijke activiteiten*

15th International Mass Spectrometry Conference, Barcelona, Spain, August 27 – September 1, 2000

Micromass European Users Meeting, Barcelona, Spain, August 27, 2000

Euroresidue IV – Conference on Residues of Veterinary Drugs in Food, Veldhoven, The Netherlands, May 8-10, 2000

47<sup>th</sup> ASMS Conference on Mass Spectrometry and Allied Topics, Dallas, June 13-17, 1999

Micromass 1999 Mass Spectrometry Users Meeting, Dallas, June 12, 1999

Third International Symposium on Hormone and Veterinary Drug Residue Analysis, Bruges, June 2-5, 1998

*Deelname binnenlandse wetenschappelijke activiteiten*

5th Annual Meeting on Mass Spectrometry in Pharmaceutical Analysis, 22 september 2000, Belgische Vereniging voor Massa Spectrometrie, Braine-l'Alleud

Validatie van Methodes : PCB Workshop, 26-27 april 2000, Werkgroep Voeding, KVCV, Merelbeke

Introducing Xterra TM Columns/New Oasis Sample Extraction Products, 6 oktober 1999, Waters, Gent

4<sup>th</sup> Annual Meeting on Mass Spectrometry of Oligomeric/Polymeric Materials and Biomolecules, 9-10 september 1999, Belgische Vereniging voor Massa Spectrometrie, Leuven

Micromass Product Seminar – 1999 European Pharmaceutical Tour, 20 mei 1999, Micromass, Groot-Bijgaarden

Studiedag Prenormatief Onderzoek in de Voedingssector, 27 mei 1999, DWTC, Brussel

Studiedag Warenwetgeving “Contaminanten in voedingsmiddelen”, 10 december 1998, Die Keure i.s.m. Eetwareninspectie, Brussel

Micromass Benelux User Meeting and Public Seminar, 22 september 1998, Micromass, Hove

Succesfull LC detection technologies and strategies, 21 september 1998, ThermoQuest, Diegem

Millenium32 en LC/MS seminarie, 5 februari 1998, Waters, Gent

*Aanvullende Opleidingen*

Quattro Ultima Operator Training Course, 5<sup>th</sup> – 8<sup>th</sup> March 2001, Micromass UK Ltd, Manchester, UK

MS Frontpage cursus, 10 en 17 april 2000, IBV, Gent

MS Access Introductie cursus, 6 en 13 april 2000, IBV, Gent

Quattro LC Operator Training Course, 11th – 14 th October 1999, Micromass UK Ltd, Manchester, UK

Cursus Biostatistiek, Centrum voor Statistiek in samenwerking met open Universiteit, Universiteit Gent, 1998-1999

Studieverblijven

Micromass UK Limited, The Mass Spectrometry People, Manchester (UK), 2-4/08/2000

Micromass UK Limited, The Mass Spectrometry People, Manchester (UK) 16-17/12/1998 en 18-19/01/1999

### 8.2.2 *Rapport détaillé*

Voir rapport en annexes I