



Curriculum Vitae

Personal information **Pascale Macours**

Work experience

June 2018- Present **Expert in Pharmaceutical Quality**

ANSES-French Agency for Veterinary Medicinal Products (ANMV)

Assessment of Quality aspects of Applications for veterinary medicinal products authorisations including European centralised marketing authorization applications, scientific advices, decentralised procedures and national procedures and variations of respective authorisations

November 2016- May 2018 **Quality Control Specialist**

LONZA -Capsugel (Ploërmel, France)

Responsible for the validation and transfer of analytical methods in Control of Quality of actives substances and pharmaceutical products

September 2013- October 2016 **Laboratory Specialist in Chromatography**

Leiden University Medical Center (Leiden, The Netherlands)

Development and validation of analytical methods in clinical chemistry, specialist in chromatography

September 2011- May 2013 **Patent Examiner Assistant**

European Patent office (The Hague, The Netherlands)

Classification of patents on bioorganic materials

January 1999- May 2009 **Chromatography Laboratory Scientific Manager**

University Hospital of Brussels - Erasme Hospital (Belgium)

Scientific management of the chromatography laboratory in the clinical chemistry department and development of chromatography analytical methods

September 1995- December 1998 **Post Doctoral Researcher**

Free University of Brussels (ULB) (Belgium)

Research on thyroid metabolism, study of biosynthesis of iodolipids

Education and training

October 1990 - March 1995 **Doctor of Sciences, Organic Chemistry**

PhD in Bioorganic Chemistry, Thesis on enantioselective synthesis and determination of absolute configuration of tetraopenerines, alkaloids isolated from ants

Free University of Brussels (ULB) (Belgium)

October 1986 - July 1990 **Master in Chemistry**

Free University of Brussels (ULB) (Belgium)

Additional information

Publications

1. "Analytical Validation of a Multiplex www.ema.europa.eu Classified as public by the European Medicines Agency Page 2 of 5 18/02/2025 LC_MS/MS Method for Quantifying Serum Steroid Hormones" _Poster Communication at the European Congress on Mass Spectrometry and Advances in the Clinical Laboratory_

2016

2. Seyler L, Cotton F, Taccone FS, De Backer D, Macours P, Vincent JL, Jacobs F, "Recommended beta_lactam regimens are inadequate in septic patients treated with continuous renal replacement therapy", *Crit Care* 2011,15(3):R137
3. Moreno_Reyes R, Carpentier YA, Macours P, Gulbis B, Corvilain B, Glinoe D, Goldman S, "Seasons but not ethnicity influence urinary iodine concentrations in Belgian adults", *Eur J Nutr.* 2011, 50(4): 285_90
4. Martiny D, Macours P, Cotton F, Thiry P, Gulbis B, "Reliability of mycophenolic acid monitoring by an enzyme multiplied immunoassay technique", *Clin Lab.* 2010, 56 (7,8): 345_53
5. Wang Z, Forceville X, Van Antwerpen P, Piagnerelli M, Ahishakiye D, Macours P, De Backer D, Neve J, Vincent JL, "A large bolus, but not a continuous infusion, of sodium selenite improves outcome in peritonitis", *Shock* 2009, 32(2):140_6
6. Macours P, Aubry JC, Hauquier B, Boeynaems JM, Goldman S, Moreno_Reyes R, "Determination of urinary iodine by inductively coupled plasma mass spectrometry", *J Trace Elem Med Biol.* 2008,22(2):162_
7. Malongo TK, Patris S, Macours P, Cotton F, Nsangu J, Kauffmann JM, "Highly sensitive determination of iodide by ion chromatography with amperometric detection at a silver_based carbon paste electrode" , *Talanta* 2008,76(3): 540_7
8. Ben Addi A, Lefort A, Hua X, Libert F, Communi D, Ledent C, Macours P, Tilley SL, Boeynaems JM, Robaye B. « Modulation of murine dendritic cell function by adenine nucleotides and adenosine : involvement of the A(2B) receptor » *Eur J Immunol.* 2008,38(6): 1610_20
9. Bles N, Horckmans M, Lefort A, Libert F, Macours P, El Housni H, Marteau F, Boeynaems JM, Communi D "Gene expression profiling defines ATP as a key regulator of human dendritic cell functions », *J Immunol.* 2007,179(6): 3550_8
10. Macours P, Cotton F « Improvement in HPLC separation of porphyrin isomers and application to biochemical diagnosis of porphyrias » *Clin Chem Lab Med.* 2006;44(12):1433-1440
11. Costa MJ, Song Y, Macours P, Massart C, Many MC, Costagliola S, Dupont JE, Van Sande J and Vanvooren V, « Sphingolipid_Cholesterol Domains (Lipid Rafts) in Normal Human and Dog Thyroid Follicular Cells are not involved in Thyrotropin Receptor Signaling », *Endocrinology* 2004, 145 (3):1464_72
12. Cotton F, Wautrecht JC, L chevin V, Macours P, Thiry P, Gervy C and Boeynaems JM, Reference Intervals for Plasma Homocysteine by the AxSYM Immunoassay after Collection in Fluoride Tubes, *Clinical Chemistry* 2003, 49: 315 – 7
13. Boeynaems JM, Gulbis B, Cotton F, Decuyper J, Demoor FX, Gervy C, Macours P, Thiry P, The medical Chemistry Department, *Rev Med Brux.* 2002;23 Suppl 2:31_3. Review.
14. Macours P, Mercan D, Dosage du cortisol libre urinaire par chromatographie gazeuse coupl e   la spectrom trie de masse , *Immunoanalyse et Biologie sp cialis e* 2001, 16: 394_401
15. Panneels V, Macours P, Van den Bergen H, Braekman JC, Van Sande J www.ema.europa.eu Classified as public by the European Medicines Agency Page 4 of 5 18/02/2025 and Boeynaems JM, "Biosynthesis and Metabolism of 2_Iodoheptadecanal in Cultured Dog Thyroid Cells", *J Biological Chemistry* 1996, 271: 23006_14
16. Devijver C, Macours P, Braekman JC, Daloz D and Pasteels JM, "Short Syntheses of (±)_Tetraopenerine_5 and _6. The Structures of Tetraopenerines_1 and _2, and a Revision of the Structures of (+)_Tetraopenerine_5 and _6.", *Tetrahedron* 1995, 51: 10913_22
17. Macours P, Braekman JC and Daloz D, "Concise Asymmetric Syntheses of (+)_ and (-)_ Tetraopenerine_8, (+)_ and (-)_Tetraopenerine_7, and their Ethyl Homologues. A Correction of the Structures of Tetraopenerine_3 and _7.", *Tetrahedron* 1995, 51: 1415_28

Projects

Memberships

November 2019-Present : Expert Member of the Chromatography Separation Techniques Working Group (CST) at the European Commission of Pharmacopeia (EDQM)

November 2019 - Present : Expert Member of the French Pharmacopeia Committee - Chemical and Radiopharmaceutical Substances

July 2024-present : Member of VICH Quality Expert Working Group as EU Adviser - ICH Q8 subgroup

Other Relevant Information