

Publications du service "Service de Biologie humaine et Toxicologie"

2025

Périodiques scientifiques/Article

- Sant'Angelo, D., DESCAMPS, G., LECOMTE, V., Stanicki, D., Penninckx, S., Dragan, T., Van Gestel, D., LAURENT, S., & JOURNE, F. (26 February 2025). Therapeutic Approaches with Iron Oxide Nanoparticles to Induce Ferroptosis and Overcome Radioresistance in Cancers. "Pharmaceuticals (Basel, Switzerland), 18" (3), 325. doi:10.3390/ph18030325
Texte intégral : [pharmaceuticals-18-00325.pdf](#) (Accès libre)
- Dongye, C., Chen, X., Zhao, Y., Li, H., Abdallah, M. F., Li, T., & Chen, X. (2025). Protective Effects of Octyl Gallate Against Deoxynivalenol-Induced Colon Inflammation: Insights from Proteomic and Metabolomic Analyses. "Environment and Health". doi:10.1021/envhealth.4c00250
Texte intégral : [dongye-et-al-2025-protective-effects-of-octyl-gallate-against-deoxynivalenol-induced-colon-inflammation-insights-from.pdf](#) (Accès libre)

2024

Périodiques scientifiques/Article

- Genbauffe, A., Soumoy, L., Lefranc, F., & Journe, F. (September 2024). Reviewing Clinical Trials and Meta-Analyses to Assess the Efficacy and Safety of Huachansu in Cancer Treatment. "Journal of Biomedical Research & Environmental Sciences, 5" (9), 1132-1139. doi:10.37871/jbres2001
Texte intégral : [jbres2001.pdf](#) (Accès libre)
- Devalckeneer, A., Bouvriez, M., Gautier, A., & COLET, J.-M. (17 August 2024). Metabolomic Prediction of Cadmium Nephrotoxicity in the Snail *Helix aspersa maxima*. "Metabolites, 14" (8), 455. doi:10.3390/metabo14080455
Texte intégral : [metabolites-14-00455.pdf](#) (Accès libre)
- Aghebatbinyeganeh, K., & Abdallah, M. F. (2024). An overview of regional mycotoxin contamination in Iranian food. "Food and Humanity", 100370. doi:10.1016/j.foohum.2024.100370
Texte intégral : [Mycotoxins_Iran_review_2024_R2 - Clean.pdf](#) (Accès libre)
- Zhu, Z., Guo, W., Cheng, H., Zhao, H., Wang, J., Abdallah, M. F., Zhou, X., Lei, H., Tu, W., Wang, H., & Yang, J. (28 May 2024). Co-contamination and interactions of multiple mycotoxins and heavy metals in rice, maize, soybeans, and wheat flour marketed in Shanghai City. "Journal of Hazardous Materials, 474", 134695. doi:10.1016/j.jhazmat.2024.134695
Texte intégral : [pre-proof.pdf](#) (Accès libre)
- Aghebatbinyeganeh, K., Movassaghghazani, M., & Abdallah, M. F. (April 2024). Seasonal variation and risk assessment of exposure to aflatoxin M1 in milk, yoghurt, and cheese samples from Ilam and Lorestan Provinces of Iran. "Journal of Food Composition and Analysis, 128", 106083. doi:10.1016/j.jfca.2024.106083
Texte intégral : [1-s2.0-S0889157524001170-main.pdf](#) (Accès libre)

Colloques et congrès scientifiques/Communication poster

- Fizazi, A., Tagliatti, V., Nachtergaele, A., De winter, J., Decleves, A.-E., Colet, J.-M., & CANTINEAU, J. (Other coll.). (17 June 2024). "May the post-translational process of succination be involved in cardiotoxicity?" [Poster presentation]. metabolomics2024, Osaka, Japan.
Texte intégral : [Poster FIZAZI Afaf - Metabolomics 2024.pdf](#) (Accès libre)
- Fizazi, A., SPINOZI, L., Tagliatti, V., De winter, J., Decleves, A.-E., & Colet, J.-M. (26 March 2024). "May the post-translational process of succination be involved in cardiac arrhythmia" [Poster presentation]. MdC2024, Mons, Belgium.
Texte intégral : [Poster - mardi des chercheurs - Mons - FIZAZI Afaf.pdf](#) (Accès libre)

2023

Périodiques scientifiques/Article

- Tagliatti, V., Descamps, C., Lefèvre, M., & Colet, J.-M. (02 June 2023). Predicting Valproate-Induced Liver Injury Using Metabolomic Analysis of Ex Ovo Chick Embryo Allantoic Fluid. "Metabolites, 13" (6), 721. doi:10.3390/metabo13060721
Texte intégral : [metabolites-13-00721 \(1\).pdf](#) (Accès libre)
- Thooft, A.* , Conotte, R., Colet, J.-M., Zouaoui Boudjeltia, K., Biston, P., & Piagnerelli, M. (05 April 2023). Serum Metabolomic Profiles in Critically Ill Patients with Shock on Admission to the Intensive Care Unit. "Metabolites, 13" (4), 523. doi:10.3390/metabo13040523
Texte intégral : [metabolites-13-00523.pdf](#) (Accès libre)

Colloques et congrès scientifiques/Communication poster

- Lemoine, C. (13 June 2023). "Gluconeogenesis balance: Liver-Kidney Crosstalk ?" [Poster presentation]. Mardi des chercheurs, valenciennes, France.
Texte intégral : [Poster Valenciennes 2023_version 2.pdf](#) (Accès libre)
- Fizazi, A.* , Spinozi, L., Tagliatti, V., De winter, J., Decleves, A.-E., & Colet, J.-M. (13 June 2023). "May the post-translational process of succination be involved in cardiac arrhythmia?" [Poster presentation]. Mardi des chercheurs, valenciennes, France.
Texte intégral : [Poster - mardi des chercheurs - FIZAZI Afaf.pdf](#) (Accès libre)

Allocutions et communications diverses/Conférence donnée hors contexte académique

- Colet, J.-M. (2023). "Rencontre citoyenne - Séminaire PFAS" [Paper presentation]. Rencontre Citoyenne.

2022

Colloques et congrès scientifiques/Communication orale non publiée/Abstract

- Wambreuse, N., Delroisse, J., Tagliatti, V., Eeckhaut, I., Borrello, L., & Caulier, G. (13 December 2022). "A multi-omics approach provides a deeper understanding of the immune response of sea cucumber coelomocytes to lipopolysaccharides" [Paper presentation]. Fourth Congress of the International Society of Fish and Shellfish immunology, Bodo, Norway. doi:10.1016/j.fsi.2022.10.042
Texte intégral : [Wambreuse_Noé_ISFSI_ABSTRACT.pdf](#) (Accès libre)

2021

Périodiques scientifiques/Article

- Draguet, A., Tagliatti, V., & Colet, J.-M. (2021). Targeting Metabolic Reprogramming to Improve Breast Cancer Treatment: An In Vitro Evaluation of Selected Metabolic Inhibitors Using a Metabolomic Approach. "Metabolites".
Texte intégral : [metabolites-11-00556-v2_\(1\).pdf](#) (Accès libre)
- Chaumont, M., Communi, D., Tagliatti, V., Colet, J.-M., & van de Borne, P. (2021). HIGH WATTAGE VAPING SHIFTS URINE METABOLOME TOWARD A HEALTHIER PROFILE: A RANDOMIZED CROSSOVER STUDY. "Journal of Hypertension", (pi), 167-168.
Texte intégral : [HIGH_WATTAGE_VAPING_SHIFTS_URINE_METABOLOME_TOWARD.475.pdf](#) (Accès libre)

- Chaumont, M., Communi, D., Tagliatti, V., Colet, J.-M., & van de Borne, P. (15 April 2021). SERUM PROTEOME AND HIGH WATTAGE E-CIGARETTE VAPING: A RANDOMIZED CROSSOVER STUDY. "Journal of Hypertension, 39" (pe 167), 167.
Texte intégral : [SERUM_PROTEOME_AND_HIGH_WATTAGE_E_CIGARETTE.474.pdf](#) (Accès libre)

Colloques et congrès scientifiques/Communication orale non publiée/Abstract

- Tagliatti, V., Colet, J.-M., Decleves, A.-E., & Debelle, F. (25 November 2021). "Etude longitudinale de la transition de la souffrance rénale aiguë vers la maladie rénale chronique chez les patients COVID-19 (Metabo-Cov AKI-to-CKD)" [Paper presentation]. Networking EpiCURA-UMONS, Baudour, Belgium.
- Draguet, A., Tagliatti, V., & Colet, J.-M. (25 November 2021). "Cibler la reprogrammation métabolique pour améliorer le cancer du sein : évaluation d'inhibiteurs métaboliques par approche métabonomique" [Paper presentation]. Networking EpiCURA-UMONS, Baudour, Belgium.

Colloques et congrès scientifiques/Communication publiée dans un périodique

- Colet, J.-M., & Tagliatti, V. (2021). "Approche métabolomique in vitro du stress oxydatif induit par les acides aristolochiques sur la cellule endothéliale" [Paper presentation]. Congrès de Société Francophone de Néphrologie Dialyse et Transplantation, Toulouse, France.

Colloques et congrès scientifiques/Communication poster

- Draguet, A., Tagliatti, V., Colet, J.-M., & Gillet, J.-P. (25 November 2021). "ABCB5 et les résistances des mélanomes aux médicaments - Evaluation métabonomique in vivo par 1H-RMN" [Poster presentation]. Networking EpiCURA-UMONS, Baudour, Belgium.
- Draguet, A., Tagliatti, V., Schepkens, C., & Colet, J.-M. (17 June 2021). "An in vitro metabonomic approach to evaluate metabolic inhibitors either in monotherapy or coupled with Doxorubicin" [Poster presentation]. Metabolomics 2021, .

Mémoires et thèses/Mémoire de licence/master

- Fourez, S., Tagliatti, V., & Colet, J.-M. (2021). "Cardiotoxicité induite par la Doxorubicine Etude in vitro de l'implication du nicotinamide riboside (NR) dans la toxicité" [Master's dissertation, Université de Mons]. ORBi UMONS-University of Mons. <https://orbi.umons.ac.be/handle/20.500.12907/30109>

Documents pédagogiques/Notes de cours et syllabus

- Tagliatti, V. (2021). "Initiation certificative aux modèles et méthodes en sciences biomédicales".
- Tagliatti, V., & Labiau, L. (2021). "Carnet de suivi 2".

Allocutions et communications diverses/Autre

- Colet, J.-M. (2021). "Risques à la santé associés à la pratique du tatouage".

2020

Périodiques scientifiques/Article

- Leclercq, S., Tagliatti, V., Colet, J.-M., & (en collaboration avec 10 personnes. (13 October 2020). Gut Microbiota-Induced Changes in γ -Hydroxybutyrate Metabolism Are Linked to Altered Sociability and Depression in Alcohol Use Disorder. "Cell Reports, 33" (108238), 1-24. doi:10.1016/j.celrep.2020.108238
Texte intégral : [cell_reports.pdf](#) (Accès libre)

- Dallons, M., Alpan, E., Schepkens, C., Tagliatti, V., & Colet, J.-M. (2020). GPR91 Receptor Mediates Protection against Doxorubicin-Induced Cardiotoxicity without Altering Its Anticancer Efficacy. An In Vitro Study on H9C2 Cardiomyoblasts and Breast Cancer-Derived MCF-7 Cells. "Cells".
Texte intégral : [cells-09-02177_v2.pdf](#) (Accès libre)
- Soumoy, L., Schepkens, C., Krayem, M., Ahmad, N., Tagliatti, V., Ghanem, E. G., Saussez, S., Colet, J.-M., & Journe, F. (22 May 2020). Metabolic Reprogramming in Metastatic Melanoma with Acquired Resistance to Targeted Therapies: Integrative Metabolomic and Proteomic Analysis. "Cancers, 12" (5), 12-23. doi:10.3390/cancers12051323
Texte intégral : [Soumoy_et_al.pdf](#) (Accès libre)
- Dallons, M., Delcourt, M., Schepkens, C., Podrecca, M., & Colet, J.-M. (2020). A Comparative Study of Rat Urine 1H-NMR Metabolome Changes Presumably Arising from Isoproterenol-Induced Heart Necrosis Versus Clarithromycin-Induced QT Interval Prolongation. "Biology".
Texte intégral : [biology-09-00098.pdf](#) (Accès libre)
- Dallons, M., Schepkens, C., Dupuis, A., Tagliatti, V., & Colet, J.-M. (2020). New Insights About Doxorubicin-Induced Toxicity to Cardiomyoblast-Derived H9C2 Cells and Dexrazoxane Cytoprotective Effect: Contribution of In Vitro 1H-NMR Metabolomics. "Frontiers in Pharmacology".
Texte intégral : [Dallons_-_Frontiers_2020.pdf](#) (Accès libre)

Colloques et congrès scientifiques/Communication orale non publiée/Abstract

- Dallons, M., & Tagliatti, V. (31 January 2020). "Development and validation of an in vitro fluorimetric quantification method of ROS generation using the DCFH-DA probe to detect quickly the presence of a drug-induced oxidative stress" [Paper presentation]. 14th meeting of the FRS-FNRS Contact group on oxidative stress and antioxidants, Mons, Belgium.

Colloques et congrès scientifiques/Communication poster

- Dallons, M., & Tagliatti, V. (31 January 2020). "Development and validation of an in vitro fluorimetric quantification method of ROS generation using the DCFH-DA probe to detect quickly the presence of a drug-induced oxidative stress" [Poster presentation]. 14th meeting of the FRS-FNRS Contact group on oxidative stress and antioxidants, Mons, Belgium.
Texte intégral : [Mons_2020.pdf](#) (Accès libre)

Mémoires et thèses/Thèse de doctorat

- Dallons, M. (2020). "Etude de l'effet protecteur du récepteur GPR91 dans le cadre de la toxicité cardiaque induite par la doxorubicine : de l'approche métabonomique à la validation in vitro sur cellules H9C2" [Doctoral thesis, Université de Mons]. ORBi UMONS-University of Mons. <https://orbi.umons.ac.be/handle/20.500.12907/34730>

2019

Périodiques scientifiques/Article

- Silvestre-Brac, B., Semay, C., & Buisseret, F. (2019). A New Classification Method of Metastatic Cancers Using a 1H-NMR-Based Approach: A Study Case of Melanoma, Breast, and Prostate Cancer Cell Lines. "Metabolites".
Texte intégral : [metabolites-09-00281.pdf](#) (Accès libre)
- Jelakovic, B., Dika, Z., Arlt, V., Stiborova, M., Pavlovic, N., Nikolic, J., Colet, J.-M., Vanherweghem, J., & Nortier, J. (2019). Balkan Endemic Nephropathy and the Causative Role of Aristolochic Acid. "Seminars in Nephrology".
Texte intégral : [sem_neph_2019.pdf](#) (Accès libre)
- Kindt, N., Descamps, G., Lechien, J., Rummelink, M., Colet, J.-M., Wattiez, R., Berchem, G., Journe, F., & Saussez, S. (02 February 2019). Involvement of HPV Infection in the Release of Macrophage Migration Inhibitory Factor in Head and Neck Squamous Cell Carcinoma. "Journal of Clinical Medicine, 1#0" (8).
Texte intégral : [10.3390/jcm8010075.pdf](#) (Accès libre)

Colloques et congrès scientifiques/Communication orale non publiée/Abstract

- Schepkens, C., Jeandriens, J., Swinnen, J., & Colet, J.-M. (22 November 2019). "Role of the Sterol Regulatory Element-Binding Protein 1 (SREBP1) in melanoma cancer metabolism : an in vitro model using a 1H-NMR based approach" [Paper presentation]. EMBO-EMBL Symposium - Metabolism Meets Epigenetics 2019, Heidelberg, Germany.
- Dallons, M., & Tagliatti, V. (21 November 2019). "Contribution of in vitro 1H-NMR metabonomics for studying doxorubicin-induced cardiotoxicity and protective effects of dexrazoxane" [Paper presentation]. EMBO-EMBL Symposium - Metabolism Meets Epigenetics 2019, Heidelberg, Germany.
Texte intégral : [Abstract.pdf](#) (Accès libre)

Colloques et congrès scientifiques/Communication publiée dans un périodique

- Colet, J.-M. (2019). "Metabolomics applied to Toxicology : The Aristolochic Acids Nephropathy Case" [Paper presentation]. SWEMSA, Erding, Germany.
Texte intégral : [SWEMSA_2019-Erding_JMColet_Final.pdf](#) (Accès libre)

Colloques et congrès scientifiques/Communication poster

- Schepkens, C., Jeandriens, J., Swinnen, J., & Colet, J.-M. (22 November 2019). "Role of the Sterol Regulatory Element-Binding Protein 1 (SREBP1) in melanoma cancer metabolism : an in vitro model using a 1H-NMR based approach" [Poster presentation]. EMBO-EMBL Symposium - Metabolism Meets Epigenetics 2019, Heidelberg, Germany.
- Dallons, M., & Tagliatti, V. (21 November 2019). "Contribution of in vitro 1H-NMR metabonomics for studying doxorubicin-induced cardiotoxicity and protective effects of dexrazoxane" [Poster presentation]. EMBO-EMBL Symposium - Metabolism Meets Epigenetics 2019, Heidelberg, Germany.
Texte intégral : [Allemagne_2019.pdf](#) (Accès libre)
- Maroil, D., & Colet, J.-M. (23 June 2019). "Metabolomics in rat models of hypertension" [Poster presentation]. Metabolomics 2019, La Haye, Netherlands.
Texte intégral : [Poster-MD-La_Haye.pdf](#) (Accès libre)
- Delcourt, M., Delsinne, V., Decleves, A.-E., & Colet, J.-M. (17 May 2019). "Biochemical and mitochondrial function adaption to nutritional environment changes during 3T3-L1 adipogenesis phenomenon: an exploratory and systems biology-based approaches" [Poster presentation]. 2nd Interuniversity PhD Student Day, Bruxelles, Belgium.

Mémoires et thèses/Mémoire de licence/master

- Colet, J.-M., Tagliatti, V., & Auquier, G. (2019). "Etude in vitro de l'influence de la sarcosine sur la division, la migration et la reprogrammation métabolique de cellules cancéreuses prostatiques et mammaires" [Master's dissertation, Université de Mons]. ORBi UMONS-University of Mons. <https://orbi.umons.ac.be/handle/20.500.12907/30096>

Allocutions et communications diverses/Autre

- Delcourt, M., Delpierre, A., Tassin, A., Colet, J.-M., Decleves, A.-E., & Villers, A. (2019). "L'obésité a encore frappé - Le fumarate et son rôle au sein du tissu adipeux".

2018

Parties d'ouvrages/Contribution à des ouvrages collectifs

- Colet, J.-M., Duquesne, M., Decleves, A.-E., & Nortier, J. (2018). Advances in Nephropathy. In "Advances in Nephropathy" (pp. 3-17). IntechOpen.

Périodiques scientifiques/Article

- Benourad, F., Kahvecioglu, Z. C., Youcef-Benkada, M., & Colet, J.-M. (09 October 2018). Protective potential of the essential oil of *Thymus vulgaris* L. against Dicofol-induced poisoning in rats as established through clinical chemistry, histopathology and 1H-NMR-based metabonomics. "South Asian Journal of Experimental Biology, 8" (2), 49-56.
Texte intégral : [article 2018 Benourad et al.pdf](#) (Accès libre)
- Conotte, S., Tassin, A., Conotte, R., Colet, J.-M., Zouaoui, K., & Legrand, A. (27 February 2018). Metabonomic profiling of chronic intermittent hypoxia in a mouse model. "Respiratory Physiology and Neurobiology, 256", 157_173. doi:10.1016/j.resp.2018.02.015
Texte intégral : [1-s2.0-S1569904817302185-main.pdf](#) (Accès libre)

Colloques et congrès scientifiques/Communication orale non publiée/Abstract

- Colet, J.-M. (13 December 2018). "Metabolomics and the Kidney :Perspectives of Development" [Paper presentation]. Annual scientific meeting of the Belgian Society of Nephrology, Vilvorde, Belgium.
Texte intégral : [SVN-SBN 2018.pdf](#) (Accès libre)
- Christodoulides, G., Romoaldo, G., Delvaux, V., Huet, K., Piccaluga, M., Harmegnies, B., Blankert, B., & Colet, J.-M. (29 November 2018). "Combining Prosodic Profile and Biomarker Analysis to Study the Effects of Stress and Cognitive Load on Speech Production" [Paper presentation]. Réunion du Groupe de Contact FNRS en Psycholinguistique et Neurolinguistique, Mons, Belgium.
- Romoaldo, G., Hambye, S., Tagliatti, V., Colet, J.-M., & Blankert, B. (12 September 2018). "Assessing emotional states.: Metabonomic profiling and quantification of a salivary biomarker" [Paper presentation]. DA-PBA 2018 : 11th International symposium on Drug Analysis - 29th International Symposium on Pharmaceutical and Biomedical Analysis, Leuven, Belgium.
Texte intégral : [OC abstract G ROMOALDO.pdf](#) (Accès libre)
- Romoaldo, G., Hambye, S., Tagliatti, V., Blankert, B., & Colet, J.-M. (23 July 2018). "Influence of psychosocial stress on salivary metabonomic profile" [Paper presentation]. 11e journées scientifiques du Réseau Francophone de Métabonomique et fluxomique, Liège, Belgium.
Texte intégral : [ppt RFMF Gilson Romoaldo .pdf](#) (Accès libre)
- Dallons, M., & Tagliatti, V. (23 May 2018). "Doxorubicin-induced metabolic alterations in H9C2 cells and effects of preincubation with dexrazoxane, a cardioprotective agent" [Paper presentation]. 11èmes journées scientifiques du RFMF, Liège, Belgium.
Texte intégral : [Abstract Dallons RFMF Liege 2018.pdf](#) (Accès libre)
- Dallons, M. (05 April 2018). "Study of the metabolic doxorubicine-induced alterations in H9C2 cells and the effect of preincubation with dexrazoxane, a cardioprotective agent" [Paper presentation]. 15 International Youth School-Conference 'Magnetic resonance and its applications - Spinus-2018, Saint-Pétersbourg, Russia.
- Schepkens, C., & Colet, J.-M. (04 April 2018). "In vitro and in vivo applications of 1H-NMR spectroscopy in the biological field" [Paper presentation]. 15 International Youth School-Conference 'Magnetic resonance and its applications - Spinus-2018, Saint-Pétersbourg, Russia.
- Schepkens, C., & Colet, J.-M. (01 April 2018). "In vitro and in vivo applications of 1H-NMR spectroscopy in the biological field" [Paper presentation]. 15 International Youth School-Conference 'Magnetic resonance and its applications - Spinus-2018, Saint-Pétersbourg, Russia.
- Dallons, M., & Tagliatti, V. (01 April 2018). "Study of the metabolic doxorubicine-induced alterations in H9C2 cells and the effect of preincubation with dexrazoxane, a cardioprotective agent" [Paper presentation]. 15 International Youth School-Conference 'Magnetic resonance and its applications - Spinus-2018, Saint-Pétersbourg, Russia.
Texte intégral : [Abstract Spinus 2018 Dallons.pdf](#) (Accès libre)

Colloques et congrès scientifiques/Communication poster

- Jeandriens, J., Schepkens, C., Swinnen, J., & Colet, J.-M. (26 November 2018). "1H-NMR investigation of the effects of glutamine deprivation on human melanoma cell metabolism" [Poster presentation]. Metabolism in Cancer and Stromal Cells (2nd edition), Leuven, Belgium.
- Romoaldo, G., Hambye, S., Tagliatti, V., Colet, J.-M., & Blankert, B. (12 July 2018). "STRESS AND SALIVA: BIOMARKER QUANTIFICATION AND METABONOMIC PROFILING" [Poster presentation]. 2nd International Symposium on Advances in Pharmaceutical Analysis, Lille, France.
Texte intégral : [poster APA lille GR.pdf](#) (Accès libre)
- Maurois, P., Conotte, R., Kahvecioglu, Z. C., & Colet, J.-M. (23 May 2018). "Etude par approche métabonomique et histopathologique d'une surconsommation en saccharose chez la souris" [Poster presentation]. 11e journées scientifiques du Réseau Francophone de Métabonomique et fluxomique, Liège, Belgium.
Texte intégral : [poster_umons \(3\).pdf](#) (Accès libre)
- Dallons, M., & Tagliatti, V. (23 May 2018). "Doxorubicin-induced metabolic alterations in H9C2 cells and effects of preincubation with dexrazoxane, a cardioprotective agent" [Poster presentation]. 11èmes journées scientifiques du RFMF, Liège, Belgium.
Texte intégral : [Poster Dallons RFMF Liege 2018.pdf](#) (Accès libre)
- Romoaldo, G., Hambye, S., Tagliatti, V., Blankert, B., & Colet, J.-M. (23 May 2018). "Influence of psychosocial stress on salivary metabonomic profile" [Poster presentation]. 11e journées scientifiques du Réseau Francophone de Métabonomique et fluxomique, Liège, Belgium.
Texte intégral : [Poster GR RFMF Liege.pdf](#) (Accès libre)
- De Luca, D., & Colet, J.-M. (05 April 2018). "The application of the metabonomic approach to predict drug-induced liver injury: the case of acetaminophen and its non-toxic isomer" [Poster presentation]. 15 International Youth School-Conference 'Magnetic resonance and its applications - Spinus-2018, Saint-Petersbourg, Russia.
- Romoaldo, G., Retiel, F., Hambye, S., & Blankert, B. (27 March 2018). "Développement d'une méthode d'extraction et de séparation pour le dosage de la MHPG dans le fluide oral" [Poster presentation]. Mardi des Chercheurs (MdC2018), Valenciennes, France.
Texte intégral : [Poster MDC 2018- vf.pdf](#) (Accès libre)

Mémoires et thèses/Mémoire de licence/master

- Furguele, S., Tagliatti, V., & Colet, J.-M. (2018). "Recherche de biomarqueurs d'efficacité en immunothérapie par approche métabonomique expérimentale et clinique" [Master's dissertation, Université de Mons]. ORBi UMONS-University of Mons. <https://orbi.umons.ac.be/handle/20.500.12907/16144>

Documents pédagogiques/Notes de cours et syllabus

- Colet, J.-M. (2018). "Metabonomics".
Texte intégral : [Metabo_Erasme Oct.01.2018 \(1\).pdf](#) (Accès libre)

Allocutions et communications diverses/Autre

- Colet, J.-M. (2018). "Interview sur les risques associés aux nanoparticules dans les eaux de consommation".

2017

Périodiques scientifiques/Article

- Duquesne, M., Declèves, A.-E., Deprez, E., Nortier, J., & Colet, J.-M. (06 July 2017). Interest of metabonomic approach in environmental nephrotoxicants : Application to aristolochic acid exposure. "Food and Chemical Toxicology, 108" (PtA), 19-29. doi:10.1016/j.fct.2017.07.015

Texte intégral : [article II version publiée.pdf](#) (Accès libre)

- Richard, V., Conotte, R., Mayne, D., & Colet, J.-M. (03 April 2017). Does the 1H-NMR Plasma Metabolome Reflect the Host-Tumor Interactions in Human Breast Cancer? "Oncotarget, 8" (30), 49915-49930.
doi:10.18632/oncotarget.18307

Texte intégral : [oncotarget-08-49915.pdf](#) (Accès libre)

Colloques et congrès scientifiques/Communication orale non publiée/Abstract

- Colet, J.-M. (29 September 2017). "METABONOMICS-based RESEARCH" [Paper presentation]. Belgian Metabolomics Day, Gand, Belgium.
Texte intégral : [Jean-Marie Colet_UMons-1.pdf](#) (Accès libre)
- Romoaldo, G., Hambye, S., Tagliatti, V., Colet, J.-M., & Blankert, B. (14 September 2017). "Emotions and saliva: Metabonomic profiling and quantification of salivary biomarkers" [Paper presentation]. EDT Scieces pharmaceutiques : PHD Day, Spa, Unknown/unspecified.
- Simon, J.-F., Lienard, M., Frau, A., Colet, J.-M., & Nonclercq, D. (02 July 2017). "Histological and metabonomic impact of prenatal exposure to Bisphenol A on rodent female offspring" [Paper presentation]. The 33rd Annual Meeting of ESHRE, Geneva, Switzerland.
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Texte intégral : [POSTER Metabonomics applied to Toxicology and Clinical Studies.pdf](#) (Accès libre)

2011

Périodiques scientifiques/Article

- De Luca, D., Tagliatti, V., Conotte, R., & Colet, J.-M. (28 August 2011). Chlordecone Potentiation of Carbon Tetrachloride Toxicity : a Metabonomic-based Mechanistic Study. "Toxicology Letters, 205", 181-S182.
- Tagliatti, V., Conotte, R., De Luca, D., & Colet, J.-M. (28 August 2011). Valproate-induced Liver Mitochondrial Dysfunction in Rats : a Metabonomic Approach. "Toxicology Letters, 205", 277.
- Conotte, R., De Luca, D., Tagliatti, V., & Colet, J.-M. (28 August 2011). Metabonomic Evaluation of Oxaliplatin Hepatotoxicity by Comparison with a Sinusoidal Obstruction Syndrome (SOS) Model. "Toxicology Letters, 205", 181.

Colloques et congrès scientifiques/Communication orale non publiée/Abstract

- Tagliatti, V. (22 November 2011). "Valproate-induced liver mitochondrial dysfunction in rats : a Metabonomic approach" [Paper presentation]. 10th symposium Young Belgian Magnetic Resonance Scientists; FNRS, Blankenberge, Belgium.
- Podrecca, M., Delsinne, V., & Colet, J.-M. (22 November 2011). "H-NMR based metabonomics applied to an early developmental pathology, the preeclampsia" [Paper presentation]. Young Belgian Magnetic Resonance Scientists 2011, Blankenberge, Belgium.
- Podrecca, M., Delsinne, V., & Colet, J.-M. (27 June 2011). "H-NMR based metabonomics applied to an early developmental pathology, the preeclampsia" [Paper presentation]. Nuclear Magnetic Resonance in Condensed Matter, 8th Meeting 'NMR in Life Science', Saint Petersburg, Russia.
- Podrecca, M., Delsinne, V., Colet, J.-M., & Taranto, N. (18 May 2011). "Cardiotonic steroids and trophoblastic impairment commonly associated with preeclampsia" [Paper presentation]. Second Belgian Symposium in Metabolomics and Metabonomics, Liège, Belgium.
Texte intégral : [abstarct_fnrs_liege2011.doc](#) (Accès libre)
- Hambye, S., Michèle, F., Stanicki, D., Colet, J.-M., Aliouat, E.-M., Vanden Eynde, J.-J., & Blankert, B. (12 May 2011). "Liquid chromatography (LC) methods for the determination of pentamidine and new analogs in rat plasma and urine: Validation using accuracy profiles and application to a preliminary pharmacokinetic study" [Paper presentation]. 15ème Forum des Sciences Pharmaceutiques, Spa, Belgium.

Colloques et congrès scientifiques/Communication publiée dans un périodique

- Tagliatti, V., Conotte, R., & Colet, J.-M. (2011). "An isolated and perfused organ approach to validate biomarkers of toxicity identified in metabonomics studies" [Paper presentation]. 47th Congress of the European Societies of Toxicology, Paris, France. doi:10.1016/j.toxlet.2010.03.503
Texte intégral : [V. Tagliatti_Tox letters 2011.pdf](#) (Accès libre)

Colloques et congrès scientifiques/Communication poster

- Colet, J.-M., & Conotte, R. (06 October 2011). "A Metabonomic Strategy to Explore Predictive Biomarkers for Sunitinib Toxicity and Efficacy in Patients with RCC" [Poster presentation]. ESMRMB 2011 - 28th Annual Scientific Meeting, Leipzig, Germany.
- Conotte, R., Tagliatti, V., De Luca, D., & Colet, J.-M. (28 August 2011). "Metabonomic Evaluation of Oxaliplatin Hepatotoxicity by Comparison with a Sinusoidal Obstruction Syndrome (SOS) Model" [Poster presentation]. 47th Congress of the European Societies of Toxicology, Paris, France.
- Tagliatti, V., Conotte, R., De Luca, D., & Colet, J.-M. (28 August 2011). "Valproate-induced Liver Mitochondrial Dysfunction in Rats : a Metabonomic Approach" [Poster presentation]. 47th Congress of the European Societies of Toxicology, Paris, France.
- De Luca, D., Tagliatti, V., Conotte, R., & Colet, J.-M. (28 August 2011). "Chlordecone Potentiation of Carbon Tetrachloride Toxicity : a Metabonomic-based Mechanistic Study" [Poster presentation]. 47th Congress of the European Societies of Toxicology, Paris, France.
- Tagliatti, V. (18 May 2011). "Une Approche Métabonomique de la Toxicité Mitochondriale" [Poster presentation]. Second Belgian Symposium in Metabolomics and Metabonomics, Liège, Belgium.
- Conotte, R. (18 May 2011). "A Metabonomic Strategy to Explore Predictive Biomarkers for Sunitinib Toxicity and Efficacy in Patients with RCC" [Poster presentation]. Second Belgian Symposium in Metabolomics and Metabonomics, Liège, Belgium.
- De Luca, D. (18 May 2011). "Hormesis : Myth or Reality? A metabonomic study" [Poster presentation]. Second Belgian Symposium in Metabolomics and Metabonomics, Liège, Belgium.
- Tagliatti, V. (02 May 2011). "Une Approche Métabonomique de la Toxicité Mitochondriale" [Poster presentation]. 5ème Colloque MeetOchondrie, Colle-sur-Loup, France.
- Podrecca, M., Conotte, R., Tagliatti, V., De Luca, D., & Colet, J.-M. (22 March 2011). "Application de la Métabonomique en Toxicologie" [Poster presentation]. Matinée des chercheurs, UMONS, Belgium.
- Hambye, S., Stanicki, D., Colet, J.-M., Aliouat, E.-M., Vanden Eynde, J.-J., & Blankert, B. (22 March 2011). "Development and optimization of liquid chromatography (LC) methods for pentamidine and two new analogs quantification in rat plasma after solid-phase extraction (SPE)" [Poster presentation]. Matinée des Chercheurs, Mons, Belgium.

2010

Colloques et congrès scientifiques/Communication orale non publiée/Abstract

- Colet, J.-M. (23 September 2010). "The Hormetic Dose Response in Toxicology as Seen by Metabonomics" [Paper presentation]. GDCh FGMR10 Joint Benelux/German MR conference, Münster, Germany.
Texte intégral : [pgme colet.tif](#) (Accès libre)[programm_3.pdf](#) (Accès libre)[abstract.pdf](#) (Accès libre)
- Colet, J.-M. (20 September 2010). "The hormetic Dose Response in Toxicology as seen by metabonomics" [Paper presentation]. Joint meeting of the NMR Discussion Group of Germany and Benelux countries, Münster, Germany.

Colloques et congrès scientifiques/Communication poster

- Lipani, E., Laurent, S., Bridot, J.-L., Vander Elst, L., Colet, J.-M., & Muller, R. (14 October 2010). "Synthesis and in vitro risk assessment of iron oxide nanoparticles" [Poster presentation]. Journée scientifique annuelle de la SRC, 'Chimie verte', Gembloux, Belgium.
- Hambye, S., Stanicki, D., Colet, J.-M., Aliouat, E.-M., Vanden Eynde, J.-J., & Blankert, B. (24 September 2010). "'A sensitive high performance liquid chromatography (HPLC) method for Pentamidine and new analogs in rat plasma determination: Validation using accuracy profiles'" [Poster presentation]. Drug Analysis, Antwerpen, Belgium.
- Tagliatti, V., Conotte, R., & Colet, J.-M. (01 July 2010). "Metabonomics fingerprint of the isolated and perfused liver" [Poster presentation]. XII international congress of toxicology - IUTOX 2010, Barcelone, Spain.
Texte intégral : [Colet.JM-2010-11-COLLOQUE.pdf](#) (Accès libre)
- Tagliatti, V., Conotte, R., & Colet, J.-M. (01 June 2010). "Metabonomics fingerprint of the isolated and perfused liver" [Poster presentation]. Metabolomics conference 2010, Amsterdam, Netherlands.
Texte intégral : [Colet.JM-2010-10-COLLOQUE.pdf](#) (Accès libre)
- Lipani, E., Soenen, S., Bridot, J.-L., Laurent, S., Vander Elst, L., Colet, J.-M., & Muller, R. (19 May 2010). "Synthesis and in vitro risk assessment of iron oxide nanoparticles" [Poster presentation]. Contrast-enhanced biomedical imaging, 12th Bi-Annual Conference on Contrast Agents and Multimodal Molecular Imaging, Mons, Belgium.

2009

Périodiques scientifiques/Article

- Colet, J.-M., & Conotte, R. (01 September 2009). Long term metabolic changes induced indiosyncrasy-like liver toxicity. "Toxicology Letters, 189S", 95-S96.
Texte intégral : [Colet.JM-2009-1-ARTICLE.pdf](#) (Accès libre)

Colloques et congrès scientifiques/Communication orale non publiée/Abstract

- Tassin, A., Coppée, F., Leroy, B., Sauvage, S., Preillon, J., Erculisse, V., Charron, S., Vanderplanck, C., Barro, M., Vander Elst, L., Muller, R., Laoudj-Chenivresse, D., Colet, J.-M., Wattiez, R., & Belayew, A. (09 November 2009). "Investigations on the molecular mechanism of a muscular dystrophy (FSHD) by proteomic and metabonomic analyses of primary myoblast cultures" [Paper presentation]. FSH Society International Research Consortium and Research Planning Meetings, Boston, United States - Massachusetts.
- Colet, J.-M., Laurent, S., Kahvecioglu, Z. C., Boutry, S., Vander Elst, L., & Müller, R. N. (01 September 2009). "Vectorization of Iron Oxide Nanoparticles with a Neuron-penetrating RVG Peptide: An Attempt to Cross the Blood Brain Barrier" [Paper presentation]. World Molecular Imaging Congress, Montreal, Canada.
Texte intégral : [Colet.JM-2009-7-COLLOQUE.pdf](#) (Accès libre)
- Tassin, A., Coppée, F., Leroy, B., Erculisse, V., Sauvage, S., Charron, S., Vanderplanck, C., Barro, M., Vander Elst, L., Muller, R., Laoudj-Chenivresse, D., Colet, J.-M., Wattiez, R., & Belayew, A. (27 July 2009). "Investigations on the molecular mechanism of a muscular dystrophy (FSHD) by proteomic and metabonomic analyses of primary myoblast cultures" [Paper presentation]. International Symposium Signal transduction and disease, Aachen, Germany.
- Colet, J.-M. (01 June 2009). "Utilisation de la métabonomique dans l'évaluation du risque d'une substance chimique" [Paper presentation]. CNAM: Analyse de Traces et Ultra-Traces : Enjeux et Perspectives, Paris, France.
Texte intégral : [Colet.JM-2009-6-COLLOQUE.pdf](#) (Accès libre)
- Colet, J.-M. (01 January 2009). "Introduction to metabolo(n)omics and NMR in metabolo(n)omics" [Paper presentation]. First belgian symposium on metabolomics and metabonomics, Mons, Belgium.
Texte intégral : [Colet.JM-2009-4.5-COLLOQUE.pdf](#) (Accès libre)[Colet.JM-2009-4.3-COLLOQUE.pdf](#) (Accès libre)[Colet.JM-2009-4.2-COLLOQUE.pdf](#) (Accès libre)[Colet.JM-2009-4.1-COLLOQUE.pdf](#) (Accès libre)[Colet.JM-2009-4.4-COLLOQUE.pdf](#) (Accès libre)

Colloques et congrès scientifiques/Communication poster

- Colet, J.-M., Conotte, R., Kahvecioglu, Z. C., & Matuszak, N. (01 September 2009). "Long term metabolic changes induced inidiosyncrasy-like liver toxicity" [Poster presentation]. 46th Congress of the European Societies of Toxicology - Eurotox 2009, Dresde, Germany.
Texte intégral : [Colet.JM-2009-8-COLLOQUE.pdf](#) (Accès libre)
- Podrecca, M., Delsinne, V., Alexandre, H., Colet, J.-M., Bagrov, A., & Kiss, R. (01 April 2009). "Are endogenous cardiostereoids responsible of the trophoblastic impairment associated with preeclampsia?" [Poster presentation]. Human pluripotent stem cells symposium: interrogating disease and development, Dublin, Ireland.
Texte intégral : [Colet.JM-2009-5-COLLOQUE.pdf](#) (Accès libre)

2008

Colloques et congrès scientifiques/Communication orale non publiée/Abstract

- Colet, J.-M. (01 November 2008). "Use of Metabonomics and Contrast-Enhanced Relaxometry in pre-clinical evaluation of drug toxicity" [Paper presentation]. 7^e journée du Groupe de contact FNRS/YBMRS, Bruxelles, Belgium.
Texte intégral : [Colet.JM-2008-3-COLLOQUE.PDF](#) (Accès libre)
- Colet, J.-M., Boutry, S., Laurent, S., Vander Elst, L., & Müller, R. N. (01 July 2008). "Vectorization of Iron Oxide Nanoparticles with a Neuron-Penetrating RVG Peptide : An Attempt to Cross the Blood Brain Barrier" [Paper presentation]. Euromar 2008, Saint-Petersbourg, Russia.
Texte intégral : [Colet.JM-2008-2-COLLOQUE.PDF](#) (Accès libre)
- Boutry, S., Mahieu, I., Colet, J.-M., Laurent, S., Vander Elst, L., & Muller, R. (01 January 2008). "Pegylated iron oxide particles conjugated to WGA for neuronal labeling : in vitro results obtained on neurons differentiated from stem cells" [Paper presentation]. Meeting IUAP/PAI, Gand, Belgium.
- Boutry, S., Mahieu, I., Rozzi, S., Colet, J.-M., Borra, E., Laurent, S., Vander Elst, L., Luppino, G., & Muller, R. (01 January 2008). "Iron oxides for neuronal targeting : in vitro, ex vivo and in vivo approaches" [Paper presentation]. PAI, Leuven, Belgium.

Mémoires et thèses/Mémoire de licence/master

- Kahvecioglu, Z. C. (2008). "Evaluation des effets pharmacologiques et toxiques d'un extrait méthanolique de Sattaga bowal" [Master's dissertation, Université de Mons]. ORBi UMONS-University of Mons.
<https://orbi.umons.ac.be/handle/20.500.12907/29275>

2007

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- Ris, L., Capron, B., Sclavons, C., Liegeois, J.-F., Seutin, V., & Godaux, E. (01 August 2007). Metaplastic effect of apamin on LTP and paired-pulse facilitation. "Learning and Memory, 14" (6), 390-399. doi:10.1101/lm.571007
Texte intégral : [GODAU_2007_2_JOURNAL.pdf](#) (Accès libre)
- Capron, B., Wattiez, R., Sindic, C., Godaux, E., & Ris, L. (13 March 2007). Tyrosine phosphorylation of rabphilin during long-lasting long-term potentiation. "Neuroscience Letters, 414" (3), 257-62. doi:10.1016/j.neulet.2006.12.031
Texte intégral : [Wattiez-2007-2-journal.pdf](#) (Accès libre)

2006

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- Capron, B., Sindic, C., Godaux, E., & Ris, L. (01 May 2006). The characteristics of LTP induced in hippocampal slices are dependent on slice-recovery conditions. "Learning and Memory, 13" (3), 271-277. doi:10.1101/lm.135406

Texte intégral : [GODAUX_2006_2_JOURNAL.pdf](#) (Accès libre)

Colloques et congrès scientifiques/Communication publiée dans un périodique

- Colet, J.-M. (2006). "Applying metabonomics in drug predictive toxicology" [Paper presentation]. Advances in Metabolic Profiling, Londres, United Kingdom.
Texte intégral : [Colet.JM-2006-1-COLLOQUE.PDF](#) (Accès libre)

2005

Périodiques scientifiques/Article

- Ris, L., Angelo, M., Plattner, F., Capron, B., Errington, M. L., Bliss, T. V., Godaux, E., & Giese, K. P. (01 June 2005). Sexual dimorphisms in the effect of low-level p25 expression on synaptic plasticity and memory. "European Journal of Neuroscience, 21" (11), 3023-3033. doi:10.1111/j.1460-9568.2005.04137.x
Texte intégral : [GODAUX_2005_1_JOURNAL.pdf](#) (Accès libre)
- Jolly, R. A., Goldstein, K. M., Wei, T., Gao, H., Chen, P. N., Huang, S. G., Colet, J.-M., Ryan, T. P., Thomas, C. E., & Estrem, S. T. (01 May 2005). Pooling samples within microarray studies: a comparative analysis of rat liver transcription response to prototypical toxicants. "Physiological Genomics, 22" (3), 346-355.
- Wei, T., Liao, B., Ackermann, B. L., Jolly, R. A., Eckstein, J. A., Kulkarni, N. H., Helvering, L. M., Goldstein, K. M., Shou, J., Estrem, S. T., Ryan, T. P., Colet, J.-M., Thomas, C. E., Stevens, J. L., & Onyia, J. E. (01 March 2005). Data-driven analysis approach for biomarker discovery using molecular-profiling technologies. "Biomarkers: Biochemical Indicators of Exposure, Response, and Susceptibility to Chemicals, 10" (2 et 3), 153-172.

2003

Périodiques scientifiques/Article

- Lindon, J. C., Nicholson, J. K., Colet, J.-M., & (en collaboration avec 10 personnes. (15 March 2003). Contemporary issues in toxicology the role of metabonomics in toxicology and its evaluation by the COMET project. "Toxicology and Applied Pharmacology, 187" (3), 137-146. doi:10.1016/s0041-008x(02)00079-0
Texte intégral : [JMColet_Publication3.pdf](#) (Accès libre)
- Burtea, C., Laurent, S., Colet, J.-M., Vander Elst, L., & Muller, R. (01 January 2003). Development of new glucosylated derivatives of Gd-DTPA for MRI angiography. "Investigative Radiology, 38" ((6)), 320-333. doi:10.1097/01.RLI.0000066251.65982.e6
Texte intégral : [Development_of_New_Glucosylated_Derivatives_of.3.pdf](#) (Accès libre)

2001

Périodiques scientifiques/Article

- Colet, J.-M., Lecomte, S., Vander Elst, L., & Muller, R. (09 July 2001). Cesium-133, a potential reporter of the hepatic uptake of contrast agents. "Magnetic Resonance in Medicine, 45", 711-715.
- Bremerich, J., Colet, J.-M., Aime, S., Scheffler, K., Laurent, S., Bongartz, G., & Muller, R. (01 January 2001). Slow clearance gadolinium based extracellular and intravascular contrast media for 3D MR angiography. "Journal of Magnetic Resonance Imaging, 13", 588-593.
Texte intégral : [Bremerich_et_al-2001-Journal_of_Magnetic_Resonance_Imaging.pdf](#) (Accès libre)

1998

Colloques et congrès scientifiques/Communication orale non publiée/Abstract

- Colet, J.-M. (17 September 1998). "In Situ Monitoring of the Hepatic Internalization of Eovist by ^{133}Cs NMR Spectroscopy' and ' ^{133}Cs Paramagnetic Relaxation Enhancement by 'ionic' and 'non-ionic' Contrast Agents" [Paper presentation]. 15th annual meeting of the European Society for Magnetic Resonance in Medicine and Biology, Genève, Switzerland.
- Colet, J.-M. (03 June 1998). "Cesium-133, an Efficient Reporter of the Hepatic Uptake of Contrast Agents" [Paper presentation]. 6th Special topic Seminar of the European Magnetic Resonance Forum, Salzburg, Germany.

Colloques et congrès scientifiques/Communication poster

- Colet, J.-M. (04 February 1998). "Influence des structures macromoléculaires cytoplasmiques sur le signal multiquantique du sodium-23 du foie de rat ischémiq" [Poster presentation]. VIIIème Congrès du Groupe de Recherche sur les Applications du Magnétisme en Médecine, Toulouse, France.

1997

Colloques et congrès scientifiques/Communication orale non publiée/Abstract

- Colet, J.-M. (18 September 1997). "Contribution of Sodium Influx to the Increase of Double Quantum ^{23}Na Signal in the Isolated rat Liver Upon Ischemia" [Paper presentation]. 14th annual meeting of the European Society for Magnetic Resonance in Medicine and Biology, Bruxelles, Belgium.

1996

Colloques et congrès scientifiques/Communication poster

- Colet, J.-M. (27 April 1996). "Direct Measurement of Intracellular Sodium Concentration in the Isolated and Perfused Mouse Liver by the Combination of ^{31}P and ^{23}Na MRS" [Poster presentation]. 4th scientific meeting and exhibition of the Society of Magnetic Resonance, New York, United States - New York.
- Colet, J.-M. (27 April 1996). "Inhibition of Pyruvate Cycling in Mouse Livers Perfused with $[1,2,3-^{13}\text{C}]$ Propionate" [Poster presentation]. 4th scientific meeting and exhibition of the Society of Magnetic Resonance, New York, United States - New York.

1995

Colloques et congrès scientifiques/Communication orale non publiée/Abstract

- Colet, J.-M. (27 August 1995). "Do the Opsonins Released by the Excised and Perfused Liver Contribute to the Hepatic Clearance of Magnetic Starch Microspheres" [Paper presentation]. 3rd scientific meeting and exhibition of the Society of Magnetic Resonance and 12th annual meeting and exhibition of the European Society for Magnetic Resonance in Medicine and Biology, Nice, France.

Colloques et congrès scientifiques/Communication poster

- Colet, J.-M. (27 August 1995). "Influence of Size on the Hepatic Clearance of Magnetic Nanoparticles" [Poster presentation]. 3rd scientific meeting and exhibition of the Society of Magnetic Resonance and 12th annual meeting and exhibition of the European Society for Magnetic Resonance in Medicine and Biology, Nice, France.

1994

Colloques et congrès scientifiques/Communication orale non publiée/Abstract

- Colet, J.-M. (27 November 1994). "Hepatic Uptake of Superparamagnetic Colloids. The importance of their Size and Coating" [Paper presentation]. 80th Scientific Assembly and Annual Meeting of the Radiological Society of North America, Chicago, United States - Illinois.
- Colet, J.-M. (28 September 1994). "Hepatic Uptake of Superparamagnetic Particles: an Isolated and Perfused Organ Approach" [Paper presentation]. 4th meeting of the European Magnetic Resonance Forum, Santiago de Compostela, Spain.
- Colet, J.-M. (06 July 1994). "Hepatic Uptake of Particulate contrast Agents: Involvement of IgG Receptors" [Paper presentation]. 2nd meeting and exhibition of the Society of Magnetic Resonance, San Francisco, United States.
- Colet, J.-M. (20 April 1994). "Perfused Liver and Perfused Hepatocytes: Parallel and Complementary Models for Contrast Media Research" [Paper presentation]. 11th annual congress of the European Society for Magnetic Resonance in Medicine and Biology, Vienna, Austria.
- Colet, J.-M. (06 April 1994). "Recent Results on the Uptake of some Hepatotropic MRI Contrast Media" [Paper presentation]. 1st Nottingham Symposium on Magnetic Resonance in Medicine, Nottingham, United Kingdom.
- Colet, J.-M. (02 February 1994). "Caractérisation relaxométrique des particules magnétiques au cours de leur phagocytose par le foie de rat isolé et perfusé" [Paper presentation]. VIème Congrès du Groupe de Recherche sur les Applications du Magnétisme en Médecine, Grenoble, France.

Colloques et congrès scientifiques/Communication poster

- Colet, J.-M. (21 April 1994). "Pharmacokinetics of the Hepatic Uptake of Superparamagnetic Particles: Evidence and Quantitation of in vivo Clustering" [Poster presentation]. 11th annual congress of the European Society for Magnetic Resonance in Medicine and Biology, Vienna, Austria.

1993

Colloques et congrès scientifiques/Communication orale non publiée/Abstract

- Colet, J.-M. (03 October 1993). "Evidence of Receptor Mediated Uptake of Magnetic Starch Microspheres by Kupffer Cells" [Paper presentation]. Contrats Media Research 1993, San Antonio, United States - Texas.
- Colet, J.-M. (14 August 1993). "Evidences for Attachment of Magnetic Starch Microspheres by Kupffer Cells Receptors in Perfused Rat Liver" [Paper presentation]. 12th annual scientific meeting and exhibition of the Society of Magnetic Resonance in Medicine, New York, United States - New York.
- Colet, J.-M. (06 June 1993). "Evidences for Attachment of Magnetic Starch Microspheres to Kupffer Cells Receptors in Perfused Rat Liver" [Paper presentation]. 10th annual congress of the European Society for Magnetic Resonance in Medicine and Biology, Rome, Italy.

Colloques et congrès scientifiques/Communication poster

- Colet, J.-M. (08 August 1993). "Ischemia/reperfusion of the Isolated Perfused Rat Liver: Assessment of the Microcirculation by MRI. Protective Effect of Conjugated Desferoxamine" [Poster presentation]. 12th annual scientific meeting and exhibition of the Society of Magnetic Resonance in Medicine, New York, United States - New York.

1992

Colloques et congrès scientifiques/Communication orale non publiée/Abstract

- Colet, J.-M. (10 October 1992). "Ischemia/Reperfusion of the Isolated Perfused Rat Liver: Assesment of the Microcirculation by MRI. Protective Effect of Conjugated Desferoxamine" [Paper presentation]. FRSM Contact group, Bruxelles, Belgium.

Colloques et congrès scientifiques/Communication poster

- Colet, J.-M. (24 September 1992). "Relaxometry of the Isolated Perfused Rat Liver exposed to superparamagnetic particles" [Poster presentation]. European Magnetic Forum, Hambourg, Germany.
- Colet, J.-M. (08 August 1992). "31P-NMR spectroscopy of the Isolated Perfused Rat Liver" [Poster presentation]. 11th annual scientific meeting and exhibition of the Society of Magnetic Resonance in Medicine, Berlin, Germany.