



Curriculum Vitae

Personal information Pierre Duez

Work experience

1. Employer: University of Mons (UMONS)
 - Start date: 102019
 - End date:
 - Position: Full Professor; Vice_Rector for mobility and International Relations
 - Activities: Academic
 - Country: Belgium
2. Employer: University of Mons (UMONS)
 - Start date: 102016
 - End date:
 - Position: Full Professor
 - Activities:
 - Teaching and Research
 - Pharmacognosy, Pharmacology, Nutrition
 - Country: Belgium
3. Employer: University of Mons
 - Start date: 102013
 - End date: 092016
 - Position: Professor
 - Activities:
 - Country: Belgium
4. Employer: Université Libre de Bruxelles (ULB)
 - Start date: 122002
 - End date: 092013
 - Position: Professor
 - Activities:
 - Country: Belgium
5. Employer: University of Mons
 - Start date: 102006
 - End date: 092013
 - Position: Professor [part_time]
 - Activities:
 - Country: Belgium
6. Employer: Université Libre de Bruxelles (ULB)
 - Start date: 101996
 - End date: 092004
 - Position: Assistant
 - Activities:
 - Country: Belgium
7. Employer: Université Libre de Bruxelles
 - Start date: 021993
 - End date: 091996
 - Position: Assistant [part_time]
 - Activities:
 - Country: Belgium
8. Employer: Schering_Plough
 - Start date: 061993
 - End date: 091996
 - Position: Regulatory assistant [part_time]
 - Activities:
 - Country: Belgium
9. Employer: GDM Green
 - Start date: 011992
 - End date: 011993
 - Position: Researcher
 - Activities:
 - Country: Belgium
10. Employer: Université Libre de Bruxelles (ULB)
 - Start date: 011987
 - End date: 121991
 - Position: Researcher
 - Activities:
 - Country: Belgium
11. Employer: Belgian Government
 - Start date: 121985
 - End date: 121986
 - Position: Military Duty [Central Military Pharmacy]
 - Activities:
 - Country: Belgium
12. Employer: Université Libre de Bruxelles (ULB)
 - Start date: 101982
 - End date: 111985
 - Position: Researcher
 - Activities:

- Country: Belgium

Education and training

1. Subject: Université Libre de Bruxelles (ULB)
 - Start date: 101996
 - End date: 112001
 - Qualification: PhD in Pharmaceutical Sciences
 - Organisation:
 - Country: Belgium
2. Subject: Université Libre de Bruxelles
 - Start date: 101979
 - End date: 061982
 - Qualification: Pharmacist
 - Organisation:
 - Country: Belgium
3. Subject: Université de Mons_Hainaut
 - Start date: 101977
 - End date: 071979
 - Qualification: Candidate in Pharmaceutical Sciences
 - Organisation:
 - Country: Belgium
4. Subject: Athénée Royal de Mons
 - Start date: 091972
 - End date: 061977
 - Qualification: Secondary school diploma (Latine_Mathematics)
 - Organisation:
 - Country: Belgium

Additional information

Publications

Author and co_author of publications 1. Duez P., Vanhaelen M., Vanhaelen R., Hanocq M., Molle L. (1984), "Comparison between HPTLC_fluorometry and HPLC for the determination of sennosides A and B in Senna (Cassia spp) pods and leaves", *Journal of Chromatography, A*, 303 : 391_395. 2. Duez P., Vanhaelen M., Vanhaelen R., Hanocq M., Molle L. (1985), "Comparison between TLC_densitometry and HPLC for the determination of hyoscyamine and hyoscine in leaves, fruit and seeds of Datura", *Journal of Chromatography, A*, 329 : 415_421. 3. Dame C., Duez P., Hanocq M., Lejoly J., Molle L., Zéba B. (1985), "Essai de culture du Cassia italica au Burkina Faso : évolution des teneurs en sennosides au cours de la croissance", *Tropicicultura*, 3 (1) : 58_64. 4. Dame C., Duez P., Guissou P., Sawadogo M., Chamart S., Hanocq M., Lejoly J., Molle L., Zéba B. (1986), "Essai de culture du Datura innoxia au Burkina Faso : évolution des teneurs en hyoscine et hyoscyamine au cours de la croissance", *Tropicicultura*, 4 (1) : 7_14. 5. Duez P., Chamart S., Vanhaelen M., Vanhaelen R., Hanocq M., Molle L. (1986), "Comparison of high_performance thin_layer chromatography—densitometry and gas—liquid chromatography for the determination of conessine in Holarrhena floribunda stem bark", *Journal of Chromatography, A*, 351 : 140_143. 6. Duez P., Chamart S., Vanhaelen M., Vanhaelen R., Hanocq M., Molle L. (1986), "Comparison between HPTLC_densitometry and HPLC for the determination of ajmaline, reserpine and rescinnamine in Rauvolfia vomitoria root bark", *Journal of Chromatography, A*, 356 : 334_340. 7. Duez P., Chamart S., Lejoly J., Hanocq M., Zéba B., Sawadogo M., Guissou P., Molle L. (1986), "Etude des stations naturelles et des conditions de culture de Rauvolfia vomitoria Afz au Burkina Faso en relation avec les teneurs en alcaloïdes", *Tropicicultura*, 4 (3) : 100_108. 8. Lardinois, Duez P., Chamart S., Lejoly J., Hanocq M., Guissou P., Sawadogo M., Molle L. (1987), "Etude des conditions d'optimalisation d'une culture de Cassia italica au Burkina Faso", *Médecine Traditionnelle et Pharmacopée*, 1 (1) : 5_27. 9. Duez P., Chamart S., Lejoly J., Hanocq M., Zéba B., Sawadogo M., Guissou P., Molle L. (1987), "Potentialités d'utilisation rationnelle du Rauvolfia vomitoria en médecine traditionnelle", *Médecine Traditionnelle et Pharmacopée*, 1 (1) : 29_46. 10. Duez P., Chamart S., Lejoly J., Hanocq M., Zéba B., Sawadogo M., Guissou P., Molle L. (1987), "Etude de la variation en conessine des écorces de branches de Holarrhena floribunda au Burkina Faso", *Annales Pharmaceutiques Françaises*, 45 (4) : 307_313. 11. Duez P., Chamart S., Hanocq M., Sawadogo M. (1988), "Determination of cucurbitine in Cucurbita spp seeds by HPTLC_densitometry and HPLC", *Journal of Planar Chromatography*, 1 (4) : 313_316. 12. Lardinois, Duez P., Chamart S., Lejoly J., Hanocq M., Guissou P., Sawadogo M., Molle L. (1988), "Etude des conditions d'optimalisation d'une culture de Datura stramonium au Burkina Faso", *Médecine Traditionnelle et Pharmacopée*, 2 (1) : 31_45. 13. Lévy O., Duez P., Chamart S., Lejoly J., Hanocq M., Sawadogo M. (1990), "Contenu en cucurbitine de Cucurbita spp cultivées au Burkina Faso", *Médecine Traditionnelle et Pharmacopée*, 3 (2) : 129_141. 14. Lévy O., Duez P., Lejoly J., Chamart S., Sawadogo M., Hanocq M. (1990), "Cultivation of Holarrhena floribunda for conessine production in Burkina Faso : allometric relations", *Pharmaceutical Biology*, 28 (4) : 285_295. 15. Duez P., Chamart S., Hanocq M. (1991), "Post_chromatographic derivatization in Quantitative Thin_Layer Chromatography. Pharmaceutical applications", *Journal of Planar Chromatography*, 4 (1) : 69_76. 16. Duez P., Livaditis A., Guissou P., Sawadogo M., Hanocq M. (1991), "Use of an Amoeba proteus model for in vitro cytotoxicity testing in Phytochemical research. Application to Euphorbia hirta", *Journal of Ethnopharmacology*, 34 : 235_246. 17. Schenkel E., Duez P., Hanocq M. (1992), "Stereo selective determination of cucurbitine in Cucurbita spp seeds by gas chromatography and gas chromatography_mass spectrometry", *Journal of Chromatography A*, 625 : 289_298. 18. Duez P., Milcamp A., Guissou P., Hanocq M. (1994), "Comparison between HPTLC_densitometry and HPLC for the determination of stricatosamide in Nauclea latifolia root bark", *Journal of Planar Chromatography*, 7, 5_9. 19. Bonnier H., Delvordre P., Postaire E., Basquin M., Duez P., Gallie J.C., Nacet F., Pothier J., Galand N., Libotte C., Fortin V., Viel C. 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(2001), "Photodynamic DNA damage mediated by δ _aminolevulinic acid_induced porphyrins", *Carcinogenesis*, 22, 771_778. 25. Kumps A., Duez P., Mardens Y. (2002), "Metabolic, nutritional, iatrogenic and artifactual sources of urinary organic acids: a comprehensive table", *Clinical Chemistry*, 48, 708_717. 26. ESCODD (2002), "Inter_laboratory validation of procedures for measuring 8_oxo_7,8_dihydroguanine / 8_oxo_7,8_dihydro_2'_deoxyguanosine in DNA", *Free Radical Research*, 36, 239_245. 27. Riis B. and ESCODD3 (2002), "Comparison of results from different laboratories in measuring 8_oxo_2'_deoxyguanosine in synthetic oligonucleotides", *Free Radical Research*, 36, 649_659. 28. Ravanat J.-L., Douki T., Duez P., Gremaud E., Herbert K., Hofer T., Lassere L., Saint_Pierre C., Favier A., Cadet J. 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measurements in the comet assay", *Talanta*, 63, 879-886. 33. Nguyen A. T., Malonne H., Duez P., Vanhaelen_Fastré R., Vanhaelen M., Fontaine J. (2004), "Isolation and structure determination of cytotoxic constituents from *Plumbago zeylanica*", *Fitoterapia*, 75 (5), 500-504. 34. Dehon G., Bogaerts P., Duez P., Catoire L., Dubois J. (2004), "Curve fitting of combined comet intensity profiles: A new global concept to quantify DNA damage by the comet assay", *Chemometrics and Intelligent Laboratory Systems*, 73 (2), 235-243. 35. Kumps A., Vamos E., Mardens Y., Abramowicz M., Genin J., Duez P. (2004), "Assessment of an electron_impact GC_MS method for organic acids and glycine conjugates in amniotic fluid", *Journal of Inherited Metabolic Disease*, 27 (5): 567-579. 36. Jacques J.P., Zombek S., Guillaïn Ch., Duez P. (2004), "Cannabis : Les scientifiques sont d'accord plus qu'ils ne l'admettent", *Revue Médicale de Bruxelles*, 25 (2) : 87-92. 37. 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(2007) Activités anti_radicalaires de trois anthocyanines monoglucosides isolées des graines de *Glycine max*", *Journal de la Société Ouest_Africaine de Chimie*, 23 : 61-66. 50. Gnoula C., Guissou P., Duez P., Frédéric M., Dubois J. (2007) "Nematocidal compounds from the seeds of *Balanites aegyptiaca*. Isolation and structure elucidation", *International Journal of Pharmacology*, 3(3) : 280-284. 51. Wauthoz N., Balde A., Balde E.S., Van Damme M., Duez P. (2007) "Ethnopharmacology of *Mangifera indica* L. Bark and Pharmacological Studies of its Main C_Glucosylxanthone, Mangiferin (Invited Review)", *International Journal of Biomedical and Pharmaceutical Sciences*, 1(2): 112-119. 52. Dehon G., Catoire L., Duez P., Bogaerts P., Dubois J. (2008), "Validation of an automatic comet assay analysis system integrating the curve fitting of combined comet intensity profiles", *Mutation Research _ Genetic Toxicology and Environmental Mutagenesis*, 650 (2), 87-95. 53. Gnoula C., Mégalizzi V., De Neve N., Sauvage S., Ribaucour F., Guissou P., Duez P., Dubois J., Ingrassia L., Lefranc F., Kiss R., Mijatovic T. (2008) "Balanitin_6 and _7: Diosgenyl saponins isolated from *Balanites aegyptiaca* Del. display significant anti_tumor activity in vitro and in vivo", *International Journal of Oncology*, 32, 5-15. 54. Murebwayire S., Frédéric M., Hannaert V., Jonville M.C., Duez P. (2008) "Antiplasmodial and antitrypanosomal activity of *Triclisia saculeuxii* (Pierre) Diels", *Phytomedicine*, 15, 728-733. 55. Murebwayire S., Ingkaninan K., Changwijit K., Frédéric M., Duez P. (2009), "*Triclisia saculeuxii* (Pierre) Diels (Menispermaceae), A potential source of acetylcholinesterase inhibitors", *Journal of Pharmacy and Pharmacology*, 61 (1), 103-107. 56. Mukazayire M., Allaes V., Buc Calderon P., Stévigny C., Bigendako M., Duez P. (2010) "Evaluation of the hepatotoxic and hepatoprotective effect of Rwandese herbal drugs on in vivo (guinea pigs barbiturate induced sleeping time) and in vitro (rat precision cut liver slices, PCLS) models", *Experimental and Toxicologic Pathology*, 62 (3), 289-299. 57. Okusa P.N., Stévigny C., Devleeschouwer M., Duez P. (2010), "Optimization of the culture medium used for direct TLC_bioautography. Application to the detection of antimicrobial compounds from *Cordia gillettii* De Wild (Boraginaceae)", *Journal of Planar Chromatography*, 23, 245-249. 58. Conforti F., Modesto S., Menichini S., Statti G.A., Uzunov D., Solimene U., Duez P., Menichini F. (2011), "Correlation between environmental factors, chemical composition and antioxidative properties of *Caper* species growing wild in Calabria (S Italy)", *Chemistry & Biodiversity*, 8, 518-531. 59. Rajaonson S., Vandeputte O.M., Vereecke D., Kiendrebeogo M., Ralambofetra E., Stévigny C., Duez P., Rabemanantsoa C., Mol A., Diallo B., Baucher M., El Jaziri M. (2011), "Virulence quenching with a purified isoflavanone renders the Malagasy legume *Dalbergia pervillei* resistant to *Rhodococcus fascians*", *Environmental Microbiology*, 13, 1236-52 (doi: 10.1111/j.1462-2920.2011.02424.x). 60. Bonesi M., Okusa P.N., Tundis R., Loizzo M.R., Menichini F., Stévigny C., Duez P., Menichini F. (2011), "Chemical composition, antioxidant properties and anticholinesterase activity of *Cordia gillettii* De Wild (Boraginaceae) leaves essential oil", *Natural Product Communications*, 6, 253-257. 61. Mukazayire M., Tomani J.C., Stévigny C., Chalchat J.C., Conforti F., Menichini F., Duez P. (2011), "Essential oils of four Rwandese hepatoprotective herbs: Gas Chromatography_Mass Spectrometry analysis and antioxidant activities", *Food Chemistry*, 129, 753-760. 62. Vandeputte O.M., Kiendrebeogo M., Vereecke D., Rasamiravaka T., Duez P., Stévigny C., Rajaonson S., Diallo B., Mol A., Baucher M., El Jaziri M. (2011), "The flavanone naringenin reduces the production of quorum_sensing_controlled virulence factors in *Pseudomonas aeruginosa* PAO1", *Microbiology*, 157 (Pt 7), 2120-32. 63. Conforti F., Marrelli M., Colica C., Menichini F., Perri V., Uzunov D., Statti G.A., Duez P., Menichini F. (2011), "Bioactive phytonutrients (omega fatty acids, tocopherols, polyphenols), in vitro inhibition of nitric oxide production and free radical scavenging activity of non_cultivated Mediterranean vegetables", *Food Chemistry*, 129, 1413-1419 (http://dx.doi.org/10.1016/j.foodchem.2011.05.085). 64. Ouedraogo M., Charles C., Ouedraogo M., Guissou I.P., Stévigny C., Duez P. 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"On_chips microelectrophoresis for the study of in vitro non_homologous end_joining DNA double_strand break repair" (2012), *Analytical Biochemistry*, 425, 76–79, <http://dx.doi.org/10.1016/j.ab.2012.03.003>. 75. Nsuadi Manga F, El Khattabi C, Fontaine J, Berkenboom G, Duez P, Lami Nzunzu J, Pochet S. (2012), "Vascular effects and antioxidant activity of two Combretum species from Democratic Republic of Congo", *Journal of Ethnopharmacology*, 142, 194–200. 76. Biringanine G., Ouédraogo M., Vray B., Samuelsen A.B., Duez P. (2012), "Partial characterization of immunomodulatory polysaccharides from *Plantago palmata* Hook. f. s. leaves", *International Journal of Carbohydrate Chemistry*, Volume 2012, Article ID 458456, 7 pages (<http://dx.doi.org/10.1155/2012/458456>). 77. Hema A., Palé E., Duez P., Luhmer M., Nacro M. (2012), "Two diglycosylated anthocyanins from *Combretum paniculatum* flowers", *Natural Science* Vol.4, No.3, 166–169 (<http://dx.doi.org/10.4236/ns.2012.43024>). 78. Charles C., Chemais M., Stévigny C., Dubois J., Nachtergaele A., Duez P. (2012), "Measurement of the influence of flavonoids on DNA repair kinetics using the comet assay", *Food Chemistry*, 135, 2974–2981 (<http://dx.doi.org/10.1016/j.foodchem.2012.06.112>). 79. Rodríguez A., Kouegnigan L., Fester A., Cotton F., Duez P. (2012), "Two assays to evaluate potential genotoxic effects of hydroxyurea in sickle cell disease patients", *Hemoglobin*, Vol. 36 (6) 545–554 (<http://dx.doi.org/10.3109/03630269.2012.725688>). 80. Mazy V., Rousseau L., Glorieux D., Duez P. (2012), "Manger de la salade n'est pas sans risque : une cause rare d'intoxication digitale familiale", *Journal Européen des Urgences et de Réanimation* 24, 187–190. 81. Marrelli M., Menichini F., Statti G. A., Bonesi M., Duez P., Conforti F. 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Projects

European Union 1. 1996, "Medicinal plants sub_sector review _ Assessment of the potentiality to produce local drug from spontaneous or introduced medicinal species in Uganda: Pharmacopoeia promoting programme", project for the Fond Européen de Développement with the company Prospect Consults. 2. 1998_2002, "European standards committee on oxidative DNA damage" (ESCODD), programme "Quality of life and management of living resources"; European FP5 project, N° QLK1_1999_00568; coordinator, Dr A. Collins, Rowett Research Institute, U.K.. 3. 2008_2011, Member of the Management Committee of the COST Action CM0603, "Free radicals in chemical biology (CHEMBIORADICAL)" (<http://www.chembiolrad.inct.pl/index.php>) 4. 2011_2014, "Provision of studies and consultancy in the area of Scientific Customs. Lot 1: Expertise in Pharmaceutical Science" TAXUD/2011/AO_07, Office européen des douanes (DG TAXUD). 5. 2015_2019, "Provision of studies and consultancy in the area of Scientific Customs. Lot 1: Expertise in Pharmaceutical Science", Office européen des douanes (DG TAXUD). Development Cooperation Commission of ARES (Belgium) 1. 2009_2014, "Diagnostic and contrôle des agents pathogènes bactériens de pré_et post_récolte du riz et de la pomme de terre à Madagascar", Madagascar (Promoter, M. El Jaziri, ULB) 2. 2014_2018, "Implantation d'une méthode robuste, peu onéreuse pour le diagnostic de la malaria et application à la recherche bioguidée de nouveaux antimalariques (DIABIOMAL)", Burkina Faso, DR Congo. 3. 2015_2017, "Développement d'une unité de neurologie pour l'étude des effets neurotoxiques du cobalt et d'autres métaux dans la région minière du Katanga", DR Congo, CUDPII2015 (Promoter L. Ris, UMONS). 4. 2017_2021, "Renforcement de la capacité opérationnelle et de la formation en neuropsychiatrie par l'étude des effets neurotoxiques de métaux dans la région minière du Katanga (NeuroKat)", RD Congo (Promoter L. Ris, UMONS; 5 years). 5. 2017_2021, "Conditions pour l'intégration de la médecine traditionnelle aux soins de santé modernes: caractérisation, validation biologique et culture ex situ de plantes médicinales (PhytoKat)", RD Congo; 5 years. 6. 2017_2021, "Exploring the medical and (eco)_toxicological potential of natural extracts in North_Vietnam, Vietnam" (Promoter, M. Muller, ULg; 5 years) National and regional projects FNRS 1. 2008, project FRIA (Charles C.; promoteur) 2. 2009_2011, project FRFC "Chemical signals in plant_microbe interactions: metabolomic alterations in leafy gall induced upon *Rhodococcus fascians* infection" (Promoter, M. El Jaziri, ULB) 3. 2010, Co_promoter of FRSM project "Bioréacteurs à base de cellules magnétiquement marquées pour l'étude prédictive de la métabolisation de substances d'intérêt pharmaceutique. (MAGNECELL)" (Promoter, B. Blankert, UMONS). ARC 1. 2010, "Bioréacteurs à base de cellules magnétiquement marquées pour l'étude prédictive de la métabolisation de substances d'intérêt pharmaceutique", B. Blankert, P. Duez (ULB) 2. 2018, "Recherche d'une flore optimale par la caractérisation des métabolites secondaires de plantes médicinales et mellifères, METAFLORE", D. Michez, P. Duez, P. Gerbaux" Walloon Region 1. 1992, Project "Innovation Technologique", Arrêté Royal 123 (Subsidié Région Wallonne for the company GDM Green; 1992) 2. 2012, First Spin_off, "Développement et commercialisation d'une instrumentation originale de diagnostic de la malaria", MAGDIMAL (3 years). 3. 2015, Projet Fonds de Maturation, "Développement et commercialisation d'un dispositif original de diagnostic de la malaria", HEMOZDIAG (18 months). University 1. 2004, FER, ULB, "Application d'une unité d'évaporation sous pression réduite dans le cadre du fractionnement d'extraits naturels : technique fondamentale pour l'ensemble des thèmes de recherche développés dans le Laboratoire". 2. 2005, Crédits de Relations internationales, ULB: "Etude de la structure des anthocyanes modifiées et de leurs activités biologiques". 3. 2006, FER, ULB, "Extraction et mise en évidence de composés hépatoprotecteurs à partir de plantes utilisées en médecine traditionnelle rwandaise". 4. 2008, bourse 100 %, UMONS, "Adaptation de méthodes in vitro pour la mise en évidence de modulateurs naturels de la réparation des dommages à l'ADN qui pourraient permettre de développer une approche chémopréventive du cancer" (Catherine Charles). 5. 2008, FER, ULB, "Optimisation de l'étape d'évaporation des solvants d'extraction et de purification menant à l'isolement de nouveaux composés naturels pharmacologiquement actifs à partir de plantes utilisées en médecine traditionnelle". 6. 2009, bourse 100 %, UMONS, "Développement de polymères à empreinte moléculaire (mips) pour l'étude des produits naturels" (Antonelle Pardo). 7. 2011, bourse 100 %, UMONS, "Synthèse translésionnelle des dommages oxydatifs à l'ADN" (Amandine Nachtergaele)

Memberships

Congress and meetings Organization 1. Co_organization of the Meeting of the Belgian Society for Cell and Developmental Biology and the FNRS Contact Group on Oxidative Stress and Antioxidants, "Oxygen and reactive oxygen species in biology", Louvain_La_Neuve, 13 octobre 2007 (in collaboration with B. Knoop, UCL, M. Raes, FUNDP, P. B. Calderon, UCL, et J. Piette, ULg). 2. In 2009, organization of a series of methodological seminars "Ressources naturelles et Médicaments" in the University of Lubumbashi, DR Congo (Project CUI P3) 3. Co_organization of the 23èmes Journées Franco_Belge de Pharmacochimie, UMONS, 28_29 May 2009. 4. Organization of the international meeting "Functional genomics and toxicological studies applied to Traditional Chinese Medicines" in the frame of the European project FP7 GP_TCM, WP3, La Hulpe, du 23 au 25 octobre 2009 (in collaboration avec C. Stévigny). 5. Co_organization of the 10th Meeting of the Groupe de Contact FNRS _ Phénomènes oxydatifs et antioxydants, Bruxelles, "Oxidative stress and genotoxic response", Mons, 11 May 2012 (in collaboration with F. Miot, ULB, B. Knoop, UCL, M. Raes, FUNDP, P. B. Calderon, UCL, J. Piette, ULg, J._M. Colet, UMONS). 6. Co_organization of the "Symposium international de l'AFERP et de STOLON". ULB and UCL, Bruxelles 22_24 Mai 2013 (in collaboration avec J. Quetin_Leclercq, UCL, C. Stévigny, ULB et M. Frédéric, ULg). 7. Organization at the University of Ouagadougou of the kick_off meeting of the project DIABIOMAL; invited partners: UMONS (B. Blankert, P. Okusa Ndjolo), ULB (D. Martiny), Université de Ouagadougou (M. Kiendrebeogo et M. Ouédraogo), Université de Lubumbashi (J. Kahumba et J._B. Lumbu) (Jan. 2014, 7 days). 8. Co_organization of the Workshop "Plants", Customs Laboratories European Network, Peyresa, France, 8 _ 10 juillet 2014 (in collaboration avec C. Fontaine, L. Gilson, C. Stévigny, ULB; the French Customs; the French Customs Laboratories; the DG Taxation and Customs Union; the Customs Laboratories European Network; Customs 2020 Programme). 9. Organization in UMONS of the annual meetings of the project DIABIOMAL; invited partners: UMONS (B. Blankert, P. Okusa Ndjolo), ULB (D. Martiny, C. Stévigny), Université de Ouagadougou (M. Kiendrebeogo et M. Compaoré), Université de Lubumbashi (H. Manyà) (Jul. 2015, 3 days). 10. Co_organization and Chairman of the "Joint meeting of the GP_TCM Research Association, The TCM Chemistry Specialty Committee and the TCM Pharmaceutical Analysis Specialty Committee of the World Federation of Chinese Medicine Societies", Mons, 12_15 Jul. 2015 (in collaboration with B. Blankert, UMONS, et C. Stévigny, ULB). 11. Co_organization of the Réunion du Groupe de Contact FNRS _ Phénomènes oxydatifs et antioxydants, Bruxelles, "New Frontiers in Oxidative Stress and Redox Regulation", Louvain_la_Neuve, 22 Apr. 2016 (in collaboration with Thierry Arnould (UNamur) Pedro Buc_Calderon (UCL), Bernard Knoop (UCL) Françoise Miot (ULB) Jacques Piette (ULg)). 12. Organization in UMONS of the annual meetings of the project DIABIOMAL; invited partners: UMONS (B. Blankert, P. Okusa Ndjolo), ULB (D. Martiny, C. Stévigny), Université de Ouagadougou (M. Kiendrebeogo et M. Compaoré), Université de Lubumbashi (H. Manyà et J. Kahumba) (Jul. 2016, 3 days). 13. Co_organization and invited speaker of the "5th Annual Meeting of GP_TCM Research Association_cum_Summit on Compendium of Materia Medica and Innovative Drug Discovery in Chinese Medicine", Hong Kong, China, 8_10 Aug. 2016. 14. Co_organisation of the Réunion du Groupe de Contact FNRS _ Phénomènes oxydatifs et antioxydants, "Oxidative stress in subcellular compartments", Namur, 2 février 2018 (en collaboration avec Thierry Arnould (UNamur) Pedro Buc_Calderon (UCL), Jean_François Collet (UCL), Bernard Knoop (UCL) Françoise Miot (ULB) Jacques Piette (ULg)). 15. Co_organisation and invited speaker of the "6th Annual Meeting of GP_TCM Research Association", Royal Botanic Garden Kew and London South Bank University, Londres, UK, du 4 au 6 juillet 2018. Participation to conférences with a particular role 1. Participation to the meeting of the "European standards committee on oxidative DNA damage" (ESCODD), Val_Cénis, France, 15_16 Mar. 2001. 2. Participation to the meeting of the "European standards committee on oxidative DNA damage" (ESCODD), Valencia, Spain, 14_6 Mar. 2002. 3. Participation to the meeting of the "European standards committee on oxidative DNA damage" (ESCODD), Firenze, Italy, 11_14 Jan. 2003. 4. Participation to the Colloque International "La valorisation de la biodiversité dans la perspective du développement local durable", Alger, Algeria, 18_19 Sep. 2004. 5. Participation to the meeting "Sino_EU GP_TCM Workshop", European project GP_TCM, Beijing, R.P. China, 12_13 Jan. 2009. 6. Participation to the meeting "Workshop WP1_WP2. Good practice in Traditional Chinese Medicine

research in the post_genomic era", Düsseldorf, Allemagne, 18_20 Apr. 2010. 7. Participation to the 1st Annual General Meeting of the GP_TCM consortium, Henley_on_Thames, UK, 28_30 Jul. 2010. Co_presentation and animation of 2 sessions ("Standard operating procedures for literature review" et "WP3 Session on functional genomics in toxicology study of CHM"). 8. Participation to the 2nd Annual General Meeting of the GP_TCM consortium, Braga, Portugal, 21_24 Jul. 2011. Co_presentation and animation of 2 sessions ("Standard operating procedures for literature review" et "WP3 Session on functional genomics in toxicology study of CHM"). 9. Participation to the Comité de Pilotage Inter sectoriel du Programme MIDA Grands Lacs (Phase IV), Brussels, 16 Sep. 2011. 10. Participation to the "WP1, WP3 and WP7 Joint Meeting of the GP_TCM consortium", Strasbourg, France, 29 Sep. 2011. 11. Participation to the meeting "Preparation of the new ITN Marie Curie project", Henley_on_Thames, UK, du 24_25 Nov. 2011. 12. Chairman of session, Good Practice in Traditional Chinese Medicine International Congress, Leiden, The Netherlands, 16 Apr. 2012. 13. Invited speaker for the "2012 Shanghai International Conference on Traditional Chinese Medicine and Natural Medicine", Shanghai, R.P. China, 20_21 Oct. 2012. 14. Invited speaker for the "Symposium international de l'AFERP et de STOLON". ULB and UCL, Brussels 22_24 May 2013. 15. Panellist of the session "Natural Products I (Biological Assay)", 12th Meeting of Consortium for Globalization of Chinese Medicine (CGCM), Graz, Austria, 27_29 Aug. 2013. 16. Invited speaker for the "The 3rd Annual Meeting of the GP_TCM Research Association and the 5th Annual Conference of the Specialty Committee of TCM Pharmaceutical Analysis of World Federation of Chinese Medicine Societies (WFCMS)", Nanjing, China, 18_20 Jul. 2014. 17. Chairman of the session "Pharmacology/Toxicology Interest Group", "The 3rd Annual Meeting of the GP_TCM Research Association and the 5th Annual Conference of the Specialty Committee of TCM Pharmaceutical Analysis of WFCMS", Nanjing, China, 18 Jul. 2014. 18. Chairman of the session "Pharmacology & Toxicology", "The 3rd Annual Meeting of the GP_TCM Research Association and the 5th Annual Conference of the Specialty Committee of TCM Pharmaceutical Analysis of WFCMS", Nanjing, China, 19 Jul. 2014. 19. Chairman of the session "Pharmacology & Toxicology Interest Group Session 1", "Joint meeting of the GP_TCM Research Association, The TCM Chemistry Specialty Committee and the TCM Pharmaceutical Analysis Specialty Committee of the WFCMS", Mons, 13 Jul. 2015. 20. Chairman of the session "Project cases: rural development, health and alumni support", pour la réunion "Bridging East and West: Belgian University Cooperation with Vietnam", Brussels, 23 Oct. 2015. 21. Invited speaker and representative of ARES_CCD for the symposium "Biodiversity and development, a global heritage", organized by the CEBioS (Capacities Biodiversity and Sustainable Development) and the Institut Royal des Sciences Naturelles, Brussels, 26 Nov. 2015 (http://www.biodiv.be/cebios2/events/biodiv_dev/nl/resume_de_la_journee_anglais). 22. Chairman of session for the 10th International Scientific Conference "Vital Nature Sign", Vilnius, Lithuania, 19 May 2016. 23. Invited speaker for the workshop "The Future of Phytomedicines: What Are Key Principles?", organized by Bayer, Copenhagen, Denmark, 22 Jul. 2016. 24. Chairman of the session "Pre_meeting Interest group discussion: the pharmacology and toxicology interest group", "The 5th Annual Meeting of GP_TCM Research Association_cum_Summit on Compendium of Materia Medica and Innovative Drug Discovery in Chinese Medicine", Hong Kong, China, 8 Aug. 2016. 25. Chairman of the session "Session 2_B", "The 5th Annual Meeting of GP_TCM Research Association_cum_Summit on Compendium of Materia Medica and Innovative Drug Discovery in Chinese Medicine", Hong Kong, China, 8_10 Aug. 2016. 26. Invited conference at the meeting "L'internationalisation de l'enseignement supérieur", Haute Ecole Condorcet, Charleroi, 14 Oct. 2016. 27. Invited speaker in the meeting "Future Trends in Global Healthcare _ Fusion of Traditional Medicines and Modern Technologies", The First Cambridge Belt & Road Initiative International Conference, Cambridge, UK, 7 July 2018. 28. Member of the Scientific Committee and Best poster award panel, 66th International Congress and Annual Meeting of the Society for Medicinal Plant and Natural Product Research (GA) jointly with the 11th Shanghai TCM conference, Shanghai, China, 26_29 August 2018. 29. Chairman of Session 4_1 ("Ethnopharmacology and traditional medicinal practices") in the 66th International Congress and Annual Meeting of the Society for Medicinal Plant and Natural Product Research (GA) jointly with the 11th Shanghai TCM conference, Shanghai, China, 26_29 August 2018. 30. Chairman of Session 4 ("Pharmacology and Toxicology Special Interest Group: Is there a difference between pharmacology and toxicology or is it a matter of dose?") in the 6th Annual Meeting of GP_TCM Research Association", Royal Botanic Garden Kew and London South Bank University, Londres, UK, 4_6 July 2018. 31. Invited conference, Journée Scientifique de la Société Royale de Chimie, UMONS, 11 October 2018. 32. Invited conference, Journées Internationales de la Recherche en Sciences de la Santé, UNILU, Lubumbashi, R.D. Congo, 12_14 June 2019. Communications at meetings (oral or poster) 1. Duez P., Hanocq M., Kaboré I., Molle L. (1983), "HPLC assay of the major alkaloids from 2 Apocynaceae, Rauvolfia vomitoria et Holarrhena floribunda", First International Symposium on Drug Analysis, Bruxelles, Juin 1983. 2. Duez P., Vanhaelen M., Vanhaelen R., Hanocq M., Molle L. (1984), "Nouvelle méthode de dosage des senosides A et B par CCM haute performance et fluodensitométrie", Forum des Sciences Pharmaceutiques, Gand, Mars 1984. 3. Duez P., Chamart S., Vanhaelen M., Vanhaelen R., Hanocq M., Molle L. (1986), "Comparison between HPTLC_densitometry and HPLC for the determination of ajmaline, reserpine and rescinnamine in Rauvolfia vomitoria root bark", Second International Symposium on Drug Analysis, Bruxelles, Mai 1986. 4. Duez P., Chamart S., Hanocq M., Sawadogo M. (1987), "Dosage de la cucurbitine dans les graines de Cucurbita pepo par photodensitométrie sur HPTLC et par HPLC", Journée Chromatographie du Fonds National pour la Recherche Scientifique, Bruxelles, Décembre 1987. 5. Duez P., Hanocq M. (1990), "Post_chromatographic derivatization in Quantitative Thin_Layer Chromatography. Pharmaceutical applications", Symposium "De rol van Planaire Chromatografie (DLC) in de farmaceutische en biomedische wetenschappen" organisé par le Koninklijke Vlaamse Chemische Vereniging (KVCV), sectie Analytische Chemie, Werkgroep Chromatografie, Gand, le 11 octobre 1990. 6. Duez P., Milcamp A., Guissou P., Hanocq M. (1991), "Comparison between HPTLC_densitometry and HPLC for the determination of strictosamide in Nauclea latifolia root bark", Premier Congrès de Chromatographie Planaire, Châtenay_Mallabry, France, le 10 juin 1991. 7. Duez P., Hanocq M. (1991), "Post_chromatographic derivatization in Quantitative Thin_Layer Chromatography. Pharmaceutical applications", Premier Congrès de Chromatographie Planaire, Châtenay_Malabry, France, le 10 juin 1991. 8. Mardens Y., Kumps A., Duez P. (1994), "Quantification of urinary organic acids analyzed by gas chromatography _ mass spectrometry (GC_MS)", Sixth International Congress on Inborn Errors of Metabolism, Milan, Italie, Mai 1994. 9. Kumps A., Duez P., Genin J., Mardens Y. (1996), "Quantification by GC_MS in scan mode: a validation study for urinary organic acids", First annual meeting of the Belgian Society for Mass Spectrometry, Louvain_La_Neuve, Septembre 1996. 10. Kumps A., Mardens Y., Duez P., Genin J. (1997), "Long term analytical validation of urinary organic acids quantification by gas chromatography _ mass spectrometry", Seventh International Congress on Inborn Errors of Metabolism, Vienne, Autriche, Mai 1997. 11. Duez P., Helson M., Dubois J., Hanocq M. (1999), "Determination of 8_oxo_2'_deoxyguanosine in cultured cells DNA by high performance liquid chromatography with UV and amperometric detections: a validation study", Fourth Winter Research Conference on Free Radicals, Valloire, France, Mars 1999. 12. Duez P., Helson M., Dubois J., Hanocq M. (1999), "UVA and visible light photodynamic DNA damage mediated by d_aminolevulinic acid induced porphyrins", Fourth Winter Research Conference on Free Radicals, Valloire, France, Mars 1999. 13. Duez P., Dubois J., Hanocq M. (1999), "La photo_activation de porphyrines endogènes induit des dégâts oxydatifs dans l'ADN cellulaire", Premières Journées Médicales et Pharmaceutiques du Burkina Faso _ Santé et Développement, Ouagadougou, Burkina Faso, du 14 au 17 décembre 1999. 14. Duez P., Dubois J., Hanocq M. (2000), "Essai Comète et détection de dommages photo_induits : application à l'étude d'un photo_sensibilisant endogène", réunion du groupe de contact FNRS Phénomènes Oxydatifs et Antioxydants "Des aspects fondamentaux aux aspects cliniques des radicaux libres et des antioxydants", Namur, 19 mai 2000. 15. Duez P., Dehon G., Hanocq M., Dubois J. (2001), "Statistical interpretation of DNA damage measurements by the comet assay (single_cell gel electrophoresis)", Fifth Winter Research Conference on Free Radicals, Val_Céris, France, du 17 au 23 mars 2001. 16. Duez P., Dehon G., Dubois J. (2001), "Porphyrines endogènes et fragmentation de l'ADN cellulaire par les UVA: mesure par essai comète", réunion de la Société Française de Pharmacotoxicologie Cellulaire "Les cibles cellulaires des polluants de l'environnement", Toulouse, France, du 16 au 17 septembre 2001. 17. Kinnaert E., Duez P., Dubois J., Ghanem G. (2002), "Measurement of radio_induced DNA damage in human melanoma cells", European Standards Committee on Oxidative DNA Damage Workshop, Valencia, Espagne, du 14 au 16 mars 2002. 18. Kumps A., Duez P., Mardens Y. (2002), "An EI_SIM GC_MS method for 24 organic acids and acylglycines in amniotic fluid", 7th Annual Meeting of the Belgian Society for Mass Spectrometry, Louvain_La_Neuve, le 2 septembre 2002. 19. Dehon G., Bogaerts P., Duez P., Dubois J. (2002), "Mathematical modelling of global comet profiles, a new method for the quantification of DNA damage by the single_cell gel electrophoresis assay ("comet assay")", Eurotox 2002, Budapest, Hongrie, du 15 au 18 septembre 2002. 20. Duez P., Dehon G., Dubois J. (2003), "Comet assay: validation of raw data measurements", European Standards Committee on Oxidative DNA Damage Workshop, Firenze, Italie, du 11 au 14 janvier 2003. 21. Nguyen A.T., Malonne H., Duez P., Vanhaelen_Fastre R., Fontaine J., Vanhaelen M. (2003),

"Isolation and structure determination of potential cytotoxic constituents from *Plumbago zeylanica*", 27th Landelijk Overleg Farmacognosie Symposium, Anvers, Belgique, le 28 février 2003. 22. Biringanine K. G., Verccruysse V., Vray B., Vanhaelen_Fastre R., Duez P., Vanhaelen M. (2003), "Polysaccharides extracted from *Plantago palmata* induce nitric oxide production by IFN- γ activated mouse peritoneal macrophages", 27th Landelijk Overleg Farmacognosie Symposium, Anvers, Belgique, le 28 février 2003. 23. Dehon G., Bogaerts P., Duez P., Dubois J. (2003), "Definition of a mathematical model representing the combination of comet intensity profiles, a new method for the quantification of DNA damage by the comet assay", Comet Assay Workshop N°5, Aberdeen, Ecosse, du 29 au 31 août 2003. 24. Dehon G., Catoire L., Bogaerts P., Duez P., Dubois J. (2003), "Description and validation of a fully automatic original system developed for the acquisition and measurement of comets obtained by the single cell gel electrophoresis", Comet Assay Workshop N°5, Aberdeen, Ecosse, du 29 au 31 août 2003. 25. Nguyen A.T., Malonne H., Fontaine J., Vanhaelen M., Duez P. (2003), "A phytochemical analysis and cytotoxicity study of two Vietnamese medicinal plants, *Scrophularia ningpoensis* Hemsl. and *Disporopsis aspera* Engl.", 51st Annual Congress of the Society for Medicinal Plant Research ("Fascination, Facts, Future"), Kiel, Allemagne, du 31 août au 4 septembre 2003. 26. Kinnaert E., Duez P., Morandini R., Dubois J., Van Houtte P., Ghanem G. (2003), "Cysteine but not GSH modulates the radiosensitivity of human melanoma cells by affecting both survival and DNA damage", 11th Meeting of the European Society for Pigment Cell Research, Gand, du 17 au 20 septembre 2003. (Pigment Cell Research, 16, 600_601). 27. Dehon G., Catoire L., Bogaerts P., Duez P., Dubois J. (2003), "Description and validation of a fully automatic comet assay analysis system incorporating an original concept for comet profiles combination and modelling", Annual Meeting of the Belgian Environmental Mutagen Society, Geel, le 12 décembre 2003. 28. Nguyen A.T., Fontaine J., Malonne H., Vanhaelen M., Duez P. (2004), "Phenolic compounds from *Plumbago zeylanica* and their cytotoxicity", 12th forum of Pharmaceutical Sciences, Blankenberge, les 6 et 7 mai 2004. 29. Gnoula C., Dubois J., Duez P. (2004), "Carboxyfluorescein diacetate as an indicator of *Caenorhabditis elegans* viability for the development of an in vitro anthelmintic assay. Validation of the technique", 12th forum of Pharmaceutical Sciences, Blankenberge, les 6 et 7 mai 2004. 30. Murebwayire S., Diallo B., Luhmer M., Vanhaelen_Fastre R., Vanhaelen M., Duez P. (2004), "Alkaloids from the roots of *Trichlisia saculeuxii* (I)", 12th forum of Pharmaceutical Sciences, Blankenberge, les 6 et 7 mai 2004. 31. Biringanine G., Vray B., Verccruysse V., Vanhaelen_Fastré R., Vanhaelen M., Duez P. (2004), "Polysaccharides extracted from *Plantago palmata* Hook.f. leaves induce nitric oxide and tumor necrosis factor- α production by interferon- γ activated macrophages", 12th forum of Pharmaceutical Sciences, Blankenberge, les 6 et 7 mai 2004. 32. Dehon G., Catoire L., Bogaerts P., Duez P., Dubois J. (2004), "Comet assay: description and validation of a fully automatic original analysis system integrating the mathematical modelling of comet profiles", 12th forum of Pharmaceutical Sciences, Blankenberge, les 6 et 7 mai 2004. 33. Kouegnigan L., Fondu P., Ferster A., Dehon G., Duez P., Dubois J. (2004), "Single strand breaks and 8-oxodG in sickle cell disease treated by hydroxyurea", 187th meeting of the Belgian Society of Biochemistry and Molecular Biology, together with the FNRS contact group on oxidative stress and antioxidants on: "Reactive Oxygen Species: from signal transduction to in vivo effects", Liège, le 14 mai 2004. 34. Muraille V., Fazazi K., Dehon G., Dubois J., Duez P. (2004), "Modulation of DNA repair: preliminary comet assay study of some flavonoids after alkylating DNA damage", 187th meeting of the Belgian Society of Biochemistry and Molecular Biology, together with the FNRS contact group on oxidative stress and antioxidants on: "Reactive Oxygen Species: from signal transduction to in vivo effects", Liège, le 14 mai 2004. 35. Nguyen A. T., Fontaine J., Claeys L., Luhmer M., Malonne H., Duez P. 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(2007), “Extraction et mise en évidence de modulateurs naturels des mécanismes de réparation de l’ADN”, conférence présentée aux chercheurs du Laboratoire “Lésions des acides nucléiques” du Commissariat à l’Energie Atomique, Grenoble, France, le 28 mars 2007. 6. Duez P. (2009), “Possible strategies for the toxicological study of Chinese Herbal Medicines”, conférence présentée au Guangzhou Institute of Drug Control dans le cadre du séminaire “Authentication and quality assessment of TCM”, Guangzhou, R.P. Chine, le 9 septembre 2009. 7. Duez

P. (2009), "Possible strategies for the toxicological study of Chinese Herbal Medicines", conférence présentée à l'University for Traditional Chinese Medicines dans le cadre du séminaire "Chinese _ European Exchange forum on TCM", Chengdu, R.P. Chine, le 12 septembre 2009. 8. Duez P., C. Charles (2010), "On_chips microelectrophoresis for the study of ex vivo NHEJ", Fondation Recherche sur le Cancer et les Maladies du Sang, Laboratoire de Biologie Moléculaire et Cellulaire du Cancer, Hôpital Kirchberg, Luxembourg, le 7 juillet 2010. 9. Duez P. (2010), "Possible strategies for the toxicological study of herbal medicines. Application to the study of traditional medicine", Université Al Hawache, Homs, Tal_Kalack, Syrie, le 15 décembre 2010. 10. Duez P. (2011), "Approche de l'étude toxicologique des plantes utilisées en médecines traditionnelles", Faculté de Pharmacie, Université de Lubumbashi, RD Congo, le 27 janvier 2011. 11. Duez P. (2012), "Possible strategies for the toxicological study of herbal medicines. Application to the study of traditional medicine", Université Agronomique de Hanoi, Vietnam, le 23 mars 2012. 12. Duez P. (2015), "Généériques et biosimilaires. Problématique de la bioéquivalence", Rencontre Médicale, "Médicaments biosimilaires : tour d'horizon" CHU Ambroise Paré, le 9 novembre 2015. 13. Duez P. (2016), "Scientific research, project activities and studies in the Faculty of Medicine and Pharmacy of Mons University. The Unit of Therapeutic Chemistry and Pharmacognosy in UMONS", Vytautas Magnus University, Faculty of Nature Sciences, Kaunas, Lituanie, le 17 mai 2016. Other 1. From 1993 to 1996, regular 1_ or 2_days missions to subsidiaries of Schering_Plough in France, UK, Germany; preparation of registration dossiers in collaboration with university experts. 2. Sep. 1995, participation to the conference "The human genome in Europe. Scientific, ethical & social aspects", Académie Royale de Médecine, Bruxelles (2 days). 3. Mar. 1996, participation to the "First Symposium on the Multidisciplinary Aspects of Gene Therapy", Lüneburg, Germany (3 days). 4. Feb. 1997, participation to the seminar "Clinical applications in mass spectrometry", Amsterdam, The Netherlands (1 day). 5. Jun. 1997, participation to the "BEMS meeting: the value of new methods in genetic toxicology", Innotek, Geel (1 day). 6. Since 2008, regular missions at European Directorate for the Quality of Medicines & Healthcare (Pharmacopée Européenne), Strasbourg, France (Group Traditional Chinese medicines). 7. Oct. 2013, participation to the "Advanced course: Genotoxicity & Mutagenicity Testing: a brief overview of the main tests, pitfalls and regulatory framework", BELTOX, Elewijt. 8. Nov. 2015, participation to the symposium "Traditional Chinese Medicines", European Directorate for the Quality of Medicines & Healthcare, Strasbourg, 14_15 novembre 2013. 9. Participation au Symposium 'Natural products', KUL Leuven, 14/02/2014. 10. Participation aux "Rencontres PRD_PFS 2013" organisées par l'ARES_CCD, 2_4 juillet 2014. 11. Formation à la pré-qualification OMS pour les diagnostics, organisée par Magnetrap, 3_4/05/2017 12. Visite du CMMI avec 'La Société Belge des Sciences Pharmaceutiques', 12/05/2017 13. Participation à la journée de conférences "The 8th Kobe University Brussels European Centre Symposium, EU _Japan Initiative for Excellence", VUB, 21/11/2017 Editor of Journals "African Journal of Cancer _Journal africain du cancer" (Springer France) "Frontiers in Predictive Toxicity" (Frontiers Media) "Journal de la SOACHIM" (Société Ouest_Africaine de Chimie) "World Journal of Traditional Chinese Medicine (WJTCM)" (World Federation of Chinese Medicine Societies) Award Award Louis Maricq 2001 _ 2005 ("Best work dedicated to the application and improvement of physico_chemical methods used in drug analysis or toxicological research").

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