

PERSONAL INFORMATION Pierre Duez

WORK EXPERIENCE

- October 2019- Present **Vice-Rector for mobility & International Relations**
University of Mons (UMONS) (Belgium)
Academic
- October 2016- Present **Full Professor**
University of Mons (UMONS) (Belgium)
Teaching and ResearchPharmacognosy, Pharmacology, Nutrition
- October 2013-September 2016 **Professor**
University of Mons (Belgium)
- December 2002-September 2013 **Professor**
Université Libre de Bruxelles (ULB) (Belgium)
- October 2006-September 2013 **Professor [part-time]**
University of Mons (Belgium)
- October 1996-September 2004 **Assistant**
Université Libre de Bruxelles (ULB) (Belgium)
- February 1993-September 1996 **Assistant [part-time]**
Université Libre de Bruxelles (Belgium)
- June 1993-September 1996 **Regulatory assistant [part-time]**
Schering-Plough (Belgium)
- January 1992-January 1993 **Researcher**
GDM Green (Belgium)
- January 1987-December 1991 **Researcher**
Université Libre de Bruxelles (ULB) (Belgium)
- December 1985-December 1986 **Military Duty [Central Military Pharmacy]**
Belgian Government (Belgium)
- October 1982-November 1985 **Researcher**

EDUCATION AND TRAINING

- October 1996-November 2001 **PhD in Pharmaceutical Sciences**
Université Libre de Bruxelles (ULB) (Belgium)
- October 1979-June 1982 **Pharmacist**
Université Libre de Bruxelles (Belgium)
- October 1977-July 1979 **Candidate in Pharmaceutical Sciences**
Université de Mons-Hainaut (Belgium)
- September 1972-June 1977 **Secondary school diploma (Latine-Mathematics)**
Athénée Royal de Mons (Belgium)

ADDITIONAL INFORMATION

- Expertise**
- Member of the European Pharmacopoeia TCM working party
 - Member of the Belgian Commission of Pharmacopoeia, President of 2 sub-commissions.
 - Member of the Belgian Commission for Registration of Veterinary Medicines (2009-2016).
 - Member of the Belgian Commission for Registration of Herbal Medicines (2015-2019)
 - Member of the Bureau of the Commission de la Coopération au Développement (ARES-CCD; 2014-2018)
 - President of the Commission for International Relations, ARES (Wallonia-Brussels Federation)
 - President of the Commission for International Relations, FNRS (Belgium)
 - Scientific missions and/or cooperation activities in Algeria, Argentina, Cameroun, Germany, Burkina Faso, France, Ouganda.
 - Cooperation and/or research programs with Burkina Faso, R.D.Congo, PR China, France, Madagascar, Rwanda, UK, Vietnam.
 - Board member of the GP-TCM research association (<http://www.gp-tcm.org/>); head of the pharmacology and toxicology interest group.
 - Member of the Specialty Committee for the Evaluation of Postmarketing Chinese Medicines (World Federation of Chinese Medicine Societies, WFCMS).
 - Member of the Specialty Committee of TCM Pharmaceutical Analysis (World Federation of Chinese Medicine Societies, WFCMS)
 - Member of the Science and Technology Development Committee (World Federation of Chinese Medicine Societies, WFCMS).
 - Evaluation of research projects for the European Commission (FP6 and FP7), the Belgian authorities, the Austrian authorities, the Hong Kong Research Grants Council, the International Foundation for Science (IFS) and the Groupement des Hôpitaux Universitaires du Grand Ouest (HUGO, France)
 - Consultant for the European DG TAXUD.
 - Consultant for the company Capsugel, Green2Chem, Pharmatoka
- 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 hyoscyne 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", *Tropicultura*, 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 hyoscyne et hyoscyamine au cours de la croissance", *Tropicultura*, 4 (1) : 7-14.
 5. Duez P., Chamart S., Vanhaelen M., Vanhaelen R., Hanocq M., Molle L. (1986), " Comparison of high-performance thin-layer chromatographydensitometry and gasliquid 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", *Tropicultura*, 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'optimisation 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'optimisation 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), "Stereoselective 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 strictosamide 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., Nachet F., Pothier J., Galand N., Libotte C., Fortin V., Viel C. (1994), "Preliminary results of a collaborative study of overpressured derivatization", *Journal of Planar Chromatography*, 7 : 117-121.
20. Kumps A., Duez P., Mardens Y. (1994), "Gas chromatographic profiling and determination of urinary acyl-carnitines", *Journal of Chromatography - Biomedical Applications*, 1994, 658, 241-248.
21. Duez P., Kumps A., Mardens Y. (1996), "GC-MC profiling of urinary organic acids evaluated as a quantitative method", *Clinical Chemistry*, 42 : 1609-1615.
22. Kumps A., Duez P., Genin J., Mardens Y. (1999), "Gas chromatography Mass spectrometry analysis of organic acids : altered quantitative response for aqueous calibrators and dilute urine specimens", *Clinical Chemistry*, 45 : 1297-1300.
23. Duez P., Helson M., Somé T.I., Dubois J., Hanocq M. (2000), "Chromatographic determination of 8-oxo-7,8-dihydro-2'-deoxyguanosine in cellular DNA : a validation study", *Free Radical Research*, 33, 243-260.
24. Duez P., Hanocq M., Dubois J. (2001), "Photodynamic DNA damage mediated by -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. (2002), "Cellular background level of 8-oxo-7,8-dihydro-2'-deoxyguanosine : an isotope based method to evaluate artefactual oxidation of DNA during its extraction and subsequent work-up", *Carcinogenesis*, 23, 1911-1918.
29. ESCODD (2002), "Comparative analysis of baseline 8-oxo-7,8-dihydroguanine in mammalian cell DNA, by different methods in different laboratories: an approach to consensus", *Carcinogenesis*, 23, 2129-33.
30. Duez P., Dehon G., Kumps A., Dubois J. (2003), "Statistics of the comet assay : a key to discriminate between genotoxic effects", *Mutagenesis*, 18, 159-166.
31. Kinnaert E., Duez P., Morandini R., Dubois J., Van Houtte P., Ghanem G. (2004), "Cysteine but not glutathione modulates the radiosensitivity of human melanoma cells by affecting both survival and DNA damage", *Pigment Cell Research*, 17, 275-280.
32. Duez P., Dehon G., Dubois J. (2004), "Validation of raw data measurements in the comet assay", *Talanta*, 63, 879-886.
33. Nguyen A. T., Malonne H., Duez P., Vanhaelen-Fastre 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., Guillain 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. Biringanine G., Vray B., Vercruyssen V., Vanhaelen-Fastré R., Vanhaelen M., Duez P. (2004), "Polysaccharides extracted from the leaves of *Plantago palmata* Hook.f. induce nitric oxide and tumor necrosis factor- α production by interferon- γ -activated macrophages", *Nitric Oxide: Biology and Chemistry*, 12 (1): 1-8.
38. ESCODD, Gedik C.M., Collins A. (2004), "Establishing the background level of base oxidation in human lymphocyte DNA: results of an interlaboratory validation study", *The FASEB Journal*,

19(1):82-84, doi:10.1096/fj.04-1767fje.

39. Jacques J.P., Zombek S., Guillain Ch., Duez P. (2004), "Cannabis : Les scientifiques sont d'accord plus qu'ils ne l'admettent", *Journal de Pharmacie de Belgique*, 59 (2) : 57-62.
40. Somé I.T., Semde R., Ouedraogo M., Karim A., Guissou P.I., Duez P., Dubois J. (2004), "Validation of gentamicin congeners using HPLC with electrochemical detection: comparison with fluorimetric detection", *Comptes Rendus Chimie*, 7 : 1087-1093.
41. Nguyen A. T., Fontaine J., Claeys M., Luhmer M., Malonne H., Duez P. (2005), "A sugar ester and an iridoid glycoside from *Scrophularia ningpoensis*", *Phytochemistry*, 66 : 1186-1191.
42. Poortmans J.R., Kumps A., Duez P., Fofonka A., Carpentier A., Francaux M. (2005), "Effect of oral creatine supplementation on urinary methylamine, formaldehyde, formate", *Medicine & Science in Sports & Exercise*, 37(10) : 1717-1720.
43. Biringanine G., Chiarelli M.-T., Faes M., Duez P. (2005), "A validation protocol for the HPTLC standardization of herbal products : application to the determination of acteoside in leaves of *Plantago palmata* Hook. f. s.", *Talanta* 69 : 4184-424.
44. Nguyen A. T., Fontaine J., Malonne H., Duez P. (2006), "Homoisoflavanones from *Disporopsis aspera*", *Phytochemistry*, 67(19) : 2159-2163.
45. Gnoula C., Dubois J., Guissou I.P., Duez P. (2006), "5-(and 6)-carboxyfluorescein diacetate as an indicator of *Caenorhabditis elegans* viability for the development of an in vitro anthelmintic assay. Validation of the technique", *Talanta*, 71 (5) : 1886-1892.
46. Murebwayire S., Diallo B., Luhmer M., Vanhaelen-Fastré R., Vanhaelen M., Duez P. (2006) "Alkaloids and amides from *Triclisia saclexii* (Pierre) Diels", *Fitoterapia*, 77 (7-8) : 615-617
47. Biringanine G., Rønsted N., Vanhaelen-Fastré R., Vanhaelen M., Duez P. (2007) "Iridoids and phenylethanoid glycosides from *Plantago palmata* Hook. f. s.", *Journal de la Société Ouest-Africaine de Chimie*, 23 : 35-40.
48. Okusa P.N., Penge O., Devleeschouwer M., Duez P. (2007) "Direct and indirect antimicrobial effects and antioxidant activity of *Cordia gillettii* De Wild (Boraginaceae)", *Journal of Ethnopharmacology*, 112(3) : 476-481.
49. Hema A., Palé E., Duez P., Luhmer M., Nacro M. (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 saclexii* (Pierre) Diels", *Phytomedicine*, 15, 728-733.
55. Murebwayire S., Ingkaninan K., Changwijit K., Frédéric M., Duez P. (2009), "*Triclisia saclexii* (Pierre) Diels (Menispermaceae), A potential source of acetylcholinesterase inhibitors", *Journal of Pharmacy and Pharmacology*, 61 (1), 103-107.
56. Mukazayire M.-J., Allaey V., Buc Calderon P., Stévigny C., Bigendako M.-J., 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 prenylated 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.-J., 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, 14131419 (<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. (2011), "An overview of cancer chemopreventive potential and safety of proanthocyanidins", *Nutrition and Cancer: An International Journal*, 63 (8) 1163-1173, <http://dx.doi.org/10.1080/01635581.2011.607549>.
65. Sobhi W., Khettal B., Belmouhoub M., Atmani D., Duez P., Benboubetra M. (2011), "Hepatotoxicity and Langerhans islets regenerative effects of polar and neutral lipids of *Nigella sativa* L. in nicotinamide/streptozotocin-induced diabetic rats", *Pteridines*, 22, 97 - 104.
66. Mukazayire M.-J., Minani V., Ruffo C.K., Bizuru E., Stévigny C., Duez P. (2011), "Traditional phytotherapy remedies used in Southern Rwanda for the treatment of liver diseases", *Journal of Ethnopharmacology*, 138 (2) 415431 (<http://dx.doi.org/10.1016/j.jep.2011.09.025>).
67. Okusa P.N., Beuerle T., Stévigny C., Duez P. (2012), "Absence of pyrrolizidine alkaloids in *Cordia gillettii* de wild (Boraginaceae)", *Biochemical Systematics and Ecology*, 41, 1-2, (<http://dx.doi.org/10.1016/j.bse.2011.12.002>).
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69. Chan K., Shaw D., Simmonds M.S.J., Leon C.J., Xu Q., Lu A., Sutherland I., Ignatova S., Zhu Y.-P., Verpoorte R., Williamson E.M., Duez P. (2012), "Good practice in reviewing and publishing studies in herbal medicine, with special emphasis on describing Traditional Chinese Medicine and Chinese Materia Medica", *Journal of Ethnopharmacology*, 140, 3, 469-475, <http://dx.doi.org/10.1016/j.jep.2012.01.038>.
70. Pardo A., Mespouille L., Dubois P., Duez P., Blankert B. (2012), "Targeted extraction of active compounds from natural products by Molecularly Imprinted Polymers", *Central European Journal of Chemistry*, 10, 3, 751-765, <http://dx.doi.org/10.2478/s11532-012-0018-1>.
71. Ouédraogo M., Baudoux T., Stévigny C., Nortier J., Colet J.-M., Efferth T., Qu F., Zhou J., Chan K., Shaw D., Pelkonen O., Duez P. (2012), "Review of current and "omics" methods for assessing the toxicity (genotoxicity, teratogenicity and nephrotoxicity) of herbal medicines and mushrooms",

- Journal of Ethnopharmacology, 140, 492-512 <http://dx.doi.org/10.1016/j.jep.2012.01.059>.
72. Shaw D., Ladds G., Duez P., Williamson E., Chan K. (2012), "Pharmacovigilance of Herbal Medicine", Journal of Ethnopharmacology, 140, 513518, <http://dx.doi.org/10.1016/j.jep.2012.01.051>.
73. Zhang L., Yan J., Liu X., Ye Z., Yang X., Chan K., Shaw D., Duez P. (2012), "Pharmacovigilance Practice and Risk Control of TCM in China", Journal of Ethnopharmacology, 140, 519525, <http://dx.doi.org/10.1016/j.jep.2012.01.058>.
74. Charles C., Ouedraogo M., Belayew A., Duez P. (2012), "On-chips microelectrophoresis for the study of in vitro non-homologous end-joining DNA double-strand break repair" (2012), Analytical Biochemistry, 425, 7679, <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.
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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, 29742981 (<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 nest pas sans risque : une cause rare dintoxication digitalique 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. (2012) "Changes in the phenolic and lipophilic composition, in the enzyme inhibition and antiproliferative activity of Ficus carica L. cultivar Dottato fruits during maturation", Food and Chemical Toxicology, 50, 3-4, 726-733.
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2. Duez P. (2007), "Ethnopharmacologie, médecines traditionnelles, thérapies du cancer en Afrique", in: Ly A, Khayat D, éditeurs, "Cancer en Afrique: de l'épidémiologie aux applications et perspectives biomédicales", Institut National du Cancer, Boulogne-Billancourt, France (pp 4; publié simultanément en Français et en Anglais)
3. Duez P. (2007), "Ethnopharmacology, traditional medicine and cancer therapy in Africa", in: Ly A, Khayat D, editors, "About cancer in Africa: from epidemiology to biomedical applications and perspectives", Institut National du Cancer, Boulogne-Billancourt, France (pp 5; publié simultanément en Français et en Anglais)
4. Nguyen A.-T., Duez P. (2008), "Cytotoxic Anticancer Drugs from Medicinal Plants", in: Matsumoto T., editor, "Phytochemistry Research Progress", Chap. IX, 193-208, Nova Science Publishers, Inc, Hauppauge NY, USA.
5. Okusa, P.N., Stévigny C., Duez P. (2009), "Medicinal Plants: A Tool to Overcome Antibiotic Resistance?", in : Varela A. and Ibañez J. editors, "Medicinal Plants: Classification, Biosynthesis and Pharmacology", 315-336, Nova Science Publishers, Inc, Hauppauge NY, USA.
6. Nguyen A.-T., Malonne H., Fontaine J., Blanco L., Vanhaelen M., Figys J., Zizi M., Duez P. (2010), "Phenolic Compounds from *Plumbago zeylanica* and their Cytotoxicity" in V. K. Gupta V. K., A. K. Verma A. K., Kaul Sushma editors, "Comprehensive Bioactive Natural Products Vol 6 : Extraction, Isolation & Characterization", Studium Press, New Delhi, India.
7. Bastin J.F., Djibu J.P., Havyarimana F., Alongo S., Kumba S., Shalukoma C., Motondo A., Joiris V., Stévigny C., Duez P., De Cannière C., Bogaert J. (2011), "Multiscalar analysis of the spatial pattern of forest ecosystems in Central Africa justified by the pattern/process paradigm: two case studies", in D.A. Boehm editor, "Forestry, Research, Ecology and Policies", Nova Science Publishers, Inc, Hauppauge NY, USA, 77-98.
8. Poivre M., Nachtergaeel A., Bunel V., Okusa N. P., Duez P. (2016) "Genotoxicity and carcinogenicity of herbal products", in Pelkonen O., Vuorela H., Duez P., Vuorela P. editors, "Toxicology of Herbal Products", Springer (179-216).

Patents

1. Duez P., Roch A., Blankert B., Okusa P., Avaert R., "Malaria detection", Priority Patent, British Patent Office, 29 Oct. 2014 ; PCT, 29 Oct. 2015; National Patent, 30 Apr. 2017.

Other publications

1. Bukenya-Ziraba R., Doenges P., Duez P., Lejoly J., Ogwal-Okeng J. (1997), "Medicinal plants sub-sector review - Pharmacopoeia promoting programme: Preparatory Study", rapport préparé pour le Fonds Européen de Développement, Study contract N° 20/SC/96, Prospect Consult Ed., Bruxelles (93 pages + 218 pages annexes).
2. Duez P., El-Nezami H., Stévigny C. (2009), Projet FP7 GPTCM Deliverable 3.1 : "Kick-off meeting and report" (9 pages).
3. Duez P. (2009), Projet FP7 GPTCM Deliverable 3.2 : "Website building and report" (11 pages).
4. Duez P, Dias A. (2009), Projet FP7 GPTCM Deliverable 3.3 : "Systematic literature review and translation. First report" (15 pages).
5. Chan K., Duez P., Shaw D., Xu Q. (2009; mise à jour régulière) : "Standard Operating Procedures (SOP) of GP-TCM Literature Reviews" (48 pages).
6. Duez P., Liu X., Williamson E., El-Nezami H., Shaw D., Chan K., Dias A. (2010), Projet FP7 GPTCM Deliverable D3.4.1 : "Report on web-based Workshop 1" (10 pages).
7. Duez P., Dias A., El-Nezami H. , Shaw D., Williamson E. (2010), Projet FP7 GPTCM Deliverable D3.5 : "A new research agenda will be developed to address the gaps in knowledge and the next steps in coordination might be planned" (16 pages).
8. Duez P., Xinmin L., El-Nezami H., Colet J.M., Zhou J., Qu F., Nortier J., Pelkonen O. (2011), Projet FP7 GPTCM Deliverable D3.4.2 : "Report on web-based Workshop 2" (24 pages).
9. Duez P., Bunel V., Pelkonen O. (2011), Projet FP7 GPTCM Deliverable D3.6 : "Focus meeting consumer based; consensus document; web site updated; continued scientific exchange via EMEA (EU), State Administration of TCM of China and State Food and Drug Administration of China, FDA (USA)" (35 pages).

10. Duez P., Xinmin L., El-Nezami H., Colet J.M., Zhou J., Qu F., Nortier J., Pelkonen O. (2012), Projet FP7 GPTCM Deliverable D3.4.3: "Several web-based workshops will be promoted among partners and external collaborators to compare and discuss results, and to elaborate a final monograph" (20 pages).
11. Duez P. (2012), Projet FP7 GPTCM Deliverable D3.7: "Prepare a programme for the Final Conference" (28 pages).
12. Duez P., Xinmin L., El-Nezami H. (2012), Projet FP7 GPTCM Deliverable D3.8: "A report published in the Final Conference" (13 pages).
13. Duez P., Xinmin L. (2012), Projet FP7 GPTCM Deliverable D3.9: "Review papers published in scientific journals" (8 pages).

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.chembiorad.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 et 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 (Subside 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 chimiopréventive 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 translationnelle 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. Frédérick, 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, Peyresq, 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. Many) (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 Knoops (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. Many 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 Knoops (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 sennosides 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 Koninglijke 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-Cénis, 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., Vercruyse V., Vray B., Vanhaelen-Fastre R., Duez P., Vanhaelen M. (2003), "Polysaccharides extracted from *Plantago palmata* induce nitric oxide production by IFN--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.
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294. Bashige C.V., Bakari A.S., Kahumba B. J., Duez P., Lumbu S.J.-B., "Antiplasmodial and antioxidant activities, acute toxicity and phytochemistry of leaf extracts of *Dalbergia katangensis* Lechenaud", Joint 6th SASA International Conference, International Research In Africa, Toronto, 6-9 juin 2019.
295. Duez Pierre, "Pharmacology and chemistry of phytomedicines: a clue for the rational design of innovative drugs?", Journées Internationales de la Recherche en Sciences de la Santé, UNILU, Lubumbashi, R.D. Congo, du 12 au 14 juin 2019.
296. Muyumba N.W., Bakari A.S., Palmieri C, Ngoy K.E., Nachtergaele A., Duez P., "High performance thin-layer chromatography profiling of Katangan *Vitex* species used in traditional human and veterinary medicines", Journées Internationales de Recherche en Sciences de la Santé, Université de Lubumbashi, R.D. Congo, 12 au 14 juin 2019.
297. Nsuadi F.M., El Khattabi C., Duez P., Lami J.N. Pochet S., "Plantes médicinales dans le traitement de l'hypertension artérielle", Journées Internationales de Recherche en Sciences de la Santé, Université de Lubumbashi, R.D. Congo, 12 au 14 juin 2019.
298. Kibwe M.C., Bakari A, Nachtergaele A., Ris L., Duez P., Kahumba B., "Biological and chemical study of plants used in the Katanga region as a treatment for neuropathies", Journées Internationales de Recherche en Sciences de la Santé, Université de Lubumbashi, R.D. Congo, 12 au 14 juin 2019.
299. Mwamba, "Development and application of total error strategy in the validation of LC methods to detect substandard antibiotics", Journées Internationales de Recherche en Sciences de la Santé, Université de Lubumbashi, R.D. Congo, 12 au 14 juin 2019.
300. Mwamba, "Development and application of total error strategy in the validation of UV-Visible spectrophotometric methods to detect substandard antibiotics", Journées Internationales de Recherche en Sciences de la Santé, Université de Lubumbashi, R.D. Congo, 12 au 14 juin 2019.
301. Shalukoma C., Duez P., Stévigny C., Bogaert J., Visser M., "Application of a new ethnobotanical method 'PSSVV' in collecting data from traditional healers", 19th International Congress of the International Society for Ethnopharmacology, Dresden, Germany, 12-14 juin 2019.
302. Taco V., Duez P., Palmieri C., Nachtergaele A., "Bioactive compounds extraction from quinoa (*Chenopodium quinoa* Willd) leaves with antioxidant and anti-diabetic activities using natural deep eutectic solvents", 1st International Meeting on Deep Eutectic System, Lisbonne, Portugal, 24-27 juin 2019.
303. Bakari A., Meerts P., Vandenput S., Okombe V., Ngoy E., Ngoy S. M., Kahola T. O., Kampemba M. F., Nkulu F. J., Nachtergaele A., Duez P., "The PhytoKat project in Katanga DR Congo: a multidisciplinary approach for solving environmental and medical problems", 3rd OHCEA International One Health Conference, Kampala, Ouganda, 24-26 juillet 2019.

Invited presentations

1. Duez P. (1995), "Recherche et Développement : Approches de l'Industrie Pharmaceutique", conférence présentée à la Faculté de Pharmacie de l'Université de Cluj-Napoca, Roumanie, le 21 mai 1995.
2. Dehon G., Duez P., Dubois J. (2001), "Comet assay (Single-cell gel electrophoresis)", conférence présentée au Laboratoire Eli Lilly, Mont-Saint-Guibert, Belgique, le 19 octobre 2001.
3. Duez P. (2004), "Les méthodes multivariées appliquées à l'analyse des plantes médicinales", conférence présentée aux chercheurs du Centre de Recherche en Phytomédicaments et Sciences de la Vie, Institut de Recherche Scientifique et Technologique, Butaré, Rwanda, le 6 juillet 2004.
4. Duez P. (2004), "Détection et quantification des dégâts oxydatifs à l'ADN: rôle photosensibilisant des porphyrines endogènes", conférence présentée aux chercheurs du Centre de Recherche en Phytomédicaments et Sciences de la Vie, Institut de Recherche Scientifique et Technologique, Butaré, Rwanda, le 7 juillet 2004.

5. Duez P. (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), "Génériques 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.

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").

Other Relevant Information