

Curriculum Vitae

Personal
information

Pierre Duez

Work experience

1. Employer: University of Mons (UMONS)
 - Start date: 102024
 - End date:
 - Position: Emeritus Professor; Mission manager
 - Activities: Academic
 - Country: Belgium
2. Employer: University of Mons (UMONS)
 - Start date: 102022
 - End date: 092024
 - Position: Full Professor; Advisor for Development Cooperation
 - Activities: Academic
 - Country: Belgium
3. Employer: University of Mons (UMONS)
 - Start date: 102019
 - End date: 092022
 - Position: Full Professor; Vice_Rector for mobility and International Relations
 - Activities: Academic
 - Country: Belgium
4. Employer: University of Mons (UMONS)
 - Start date: 102016
 - End date: 092024
 - Position: Full Professor
 - Activities:
 - Teaching and Research
 - Pharmacognosy, Pharmacology, Nutrition
 - Country: Belgium
5. Employer: University of Mons
 - Start date: 102013
 - End date: 092016
 - Position: Professor
 - Activities:
 - Country: Belgium
6. Employer: Université Libre de Bruxelles (ULB)
 - Start date: 122002
 - End date: 092013
 - Position: Professor
 - Activities:
 - Country: Belgium
7. Employer: University of Mons
 - Start date: 102006
 - End date: 092013
 - Position: Professor [part_time]
 - Activities:
 - Country: Belgium
8. Employer: Université Libre de Bruxelles (ULB)
 - Start date: 101996
 - End date: 092004
 - Position: Assistant
 - Activities:
 - Country: Belgium
9. Employer: Université Libre de Bruxelles
 - Start date: 021993
 - End date: 091996
 - Position: Assistant [part_time]
 - Activities:
 - Country: Belgium
10. Employer: Schering_Plough
 - Start date: 061993
 - End date: 091996
 - Position: Regulatory assistant [part_time]
 - Activities:
 - Country: Belgium
11. Employer: GDM Green
 - Start date: 011992
 - End date: 011993
 - Position: Researcher
 - Activities:
 - Country: Belgium
12. Employer: Université Libre de Bruxelles (ULB)
 - Start date: 011987
 - End date: 121991
 - Position: Researcher

- Activities:
 - Country: Belgium
13. Employer: Belgian Government
- Start date: 121985
 - End date: 121986
 - Position: Military Duty [Central Military Pharmacy]
 - Activities:
 - Country: Belgium
14. 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 or 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 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", *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 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^[1] (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 ESCODD¹ (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.
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 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., Vercruysse 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^[3], 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 : 418-424.
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 saculeuxii* (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., Frédérick M., Hannaert V., Jonville M-C., Duez P. (2008) "*Antiplasmodial and antitrypanosomal activity of *Triclisia sacleuxii* (Pierre) Diels*", Phytomedicine, 15, 728-733.
 55. Murebwayire S., Ingkaninan K., Changwijit K., Frédérick M., Duez P. (2009), "*Triclisia sacleuxii* (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, 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. (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., Atmania D., Stevigny C., Mukazayire M.-J., Calderon P.B., Duez P., Benboubetra M. (2012), "*Effects of lipid extracts from *Nigella sativa* seeds on the reduction of ATP and the inhibition of alpha glucosidase activity*", International Journal of Biochemistry and Biotechnology, 1 (3), 137-145. <https://doi.org/10.46882/IJBB/1007>
 66. Sobhi W., Khettal B., Belmouhoub M., Atmani D., Duez P., Benboubetra M. (2013), "*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.
 67. 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) 415-431 (<http://dx.doi.org/10.1016/j.jep.2011.09.025>).
 68. 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>).
 69. Ouédraogo M., Lamien-Sanou A., Ramdé N., Ouédraogo A.S., Ouédraogo M., Zongo S.P., Gombri O., Duez P., Guissou P.I. (2012), "*Protective effect of *Moringa oleifera* leaves against*

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 71. 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>.
 72. 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>.
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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).
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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.

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; coord. R. inator, Dr A. Collins, Rowett Research Institute, U.K..

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>)

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).

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)

2020-2023, "Artificial Intelligence, Innovation & Society (AIIS)". Erasmus KA2 project.

Cooperation projects

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, ARES-CCD, Promoter, M. El Jaziri, ULB)

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, D.R. Congo, ARES-CCD.

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", D.R. Congo, ARES-CCD, CUDPII2015 (Promoter L. Ris, UMONS).

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)", D.R. Congo, ARES-CCD (Promoter L. Ris, UMONS).

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)", D.R. Congo, ARES-CCD.

2017-2021, "Exploring the medical and (eco)-toxicological potential of natural extracts in North-Vietnam", Vietnam, ARES-CCD (Promoter, M. Muller, ULg).

2020-2023, "Analyse de la filière des plantes médicinales dans la région de Lubumbashi, D.R. Congo : Acteurs, enjeux et perspectives (TradiFil)", D.R. Congo, AUF.

2022-2027, "Appui à l'opérationnalisation des centres de médecine traditionnelle au Burkina Faso, par une recherche multidisciplinaire coordonnée sur la qualité et la sécurité des remèdes à base de plantes", Burkina Faso, ARES-CCD (Promotor, A. Nachtergaele)

2022-2027, "Reconnaissance mutuelle des savoirs traditionnels et modernes: conditions pour l'implémentation durable d'une médecine intégrative dans le contexte malgache (TradiMad)", Madagascar, ARES-CCD.

2022-2027 "Amélioration de la qualité et de la sécurité des produits de médecine traditionnelle vendus sur les marchés des 3 villes principales de la République démocratique du Congo (TradiQual)", D.R. Congo, WBI.

National and regional projects

1992, Project "Innovation Technologique", Arrêté Royal 123 (Subside Région Wallonne for the company GDM Green; 1992)

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".

2005, Crédits de Relations internationales, ULB: "Etude de la structure des anthocyanes modifiées et de leurs activités biologiques".

2006, FER, ULB, "Extraction et mise en évidence de composés hépatoprotecteurs à partir de plantes utilisées en médecine traditionnelle rwandaise".

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).

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".

2008, project FRIA (Charles C.; promoteur)

2009, bourse 100 %, UMONS, "Développement de polymères à empreinte moléculaire (mips) pour l'étude des produits naturels" (Antonelle Pardo).

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)

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

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)

2011, bourse 100 %, UMONS, "Synthèse translesionnelle des dommages oxydatifs à l'ADN" (Amandine Nachtergaele)

2012, First Spin-off, "Développement et commercialisation d'une instrumentation originale de diagnostic de la malaria", MAGDIMAL (3 years).

2015, Projet Fonds de Maturation, "Développement et commercialisation d'un dispositif original de diagnostic de la malaria", HEMOZDIAG (18 months). University

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

Memberships

Membership

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1. Membre de "The Society for Medicinal Plant Research" (GA)
 2. Membre de "L'Association Francophone pour l'Enseignement et la Recherche en Pharmacognosie" (AFERP)
 3. Membre de "La Société Belge des Sciences Pharmaceutiques" (SBSP)
 4. Membre du Groupe de Contact FNRS "Phénomènes Oxydatifs et Antioxydants"
 5. Membre de "The Good Practice in Traditional Medicine Research Association"; élu "Member of the Board of Directors" (depuis 2012)
 6. Membre de la Commission Belge de Pharmacopée (SPF Santé Publique, depuis 2006).
 7. Membre de la Commission pour les Médicaments à base de plantes (SPF Santé Publique, en 2007 et 2013-2018).
 8. Membre du groupe de travail "Traditional Chinese Medicines" du European Directorate for the Quality of Medicines & Healthcare (Pharmacopée Européenne), Conseil de l'Europe, Strasbourg, France (depuis 2008).
 9. Membre de la Commission pour les Médicaments à usage vétérinaire (SPF Santé Publique, 2009-2016).
 10. Consultant pour la DG Européenne TAXUD (depuis 2012).
 11. Membre du *Specialty Committee for the Evaluation of Postmarketing Chinese Medicines (World Federation of Chinese Medicine Societies, WFCMS)* (depuis 2013).
 12. Membre du *Specialty Committee of TCM Pharmaceutical Analysis (World Federation of Chinese Medicine Societies, WFCMS)* (depuis 2014).
 13. Membre du *Science and Technology Development Committee (World Federation of Chinese Medicine Societies, WFCMS)* (depuis 2018).
 14. Président du Groupe de Travail Matières Premières Pharmacognosie du Service Public Fédéral Santé Publique (Membre depuis 2004; Président depuis 2014).
 15. Président de la Sous-Commission Pharmacognosie de la Commission Belge de Pharmacopée (Membre depuis 2004; Président depuis 2014).
 16. Membre de ULB-Coopération (depuis 2017).
 17. Membre du groupe d'experts *Monograph and List Working Party* de l'Agence européenne du Médicament (EMA-HMPC, Londres-Amsterdam; 2017-2020)
 18. Membre de la Société des Sciences, des Arts et des Lettres du Hainaut (depuis 2017).
 19. Membre du *Collegio dei Docenti Afferenti del Dottorato di Ricerca in "Medicina Traslazionale"* (Board of Professors for the Research Doctorate in "Translational Medicine"), Università della Calabria, Italie (depuis 2019).
 20. Membre du Comité Scientifique des Jardins de l'Abbaye de Villers-la-Ville (depuis 2021).
 21. Membre suppléant du "Comité d'évaluation de la recherche contractuelle en matière de sécurité des aliments et de politique sanitaire des animaux et végétaux", SPF Santé Publique (depuis juin 2021).
 22. Membre du jury FRIA "LS7 - Jury 1" (2017; depuis 2022)
 23. Membre de la commission scientifique F.R.S.-FNRS Doctorat Sciences de la Vie et de la Santé – 4 (SVS-4) (depuis 2023).

Presentations (oral or poster)

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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 Koninklijke Vlaamse Chemische Vereniging (KVCV), sectie Analytische Chemie, Werkgroep Chromatografie, Gand, le 11 octobre 1990.
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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-Cenis, 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., Vercruysse 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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Presentations (oral or poster) without abstract

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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.
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Participation to conferences with a particular role

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1. Participation à la table ronde du "*European standards committee on oxidative DNA damage*" (ESCODD), Val-Cénis, France, du 15 au 16 mars 2001.
 2. Participation à la table ronde du "*European standards committee on oxidative DNA damage*" (ESCODD), Valencia, Espagne, du 14 au 16 mars 2002.
 3. Participation à la table ronde du "*European standards committee on oxidative DNA damage*" (ESCODD), Firenze, Italie, du 11 au 14 janvier 2003.
 4. Participation au Colloque International "*La valorisation de la biodiversité dans la perspective du développement local durable*", Alger, Algérie, du 18 au 19 septembre 2004.
 5. Participation au colloque "*Sino-EU GP-TCM Workshop*" pour le lancement du projet Européen GP-TCM, Beijing, R.P. Chine, du 12 au 13 janvier 2009.
 6. Participation à la table ronde "*Workshop WP1-WP2. Good practice in Traditional Chinese Medicine research in the post-genomic era*", Düsseldorf, Allemagne, du 18 au 20 avril 2010.
 7. Participation au 1st Annual General Meeting of the GP-TCM consortium, Henley-on-Thames, Angleterre, du 28 au 30 juillet 2010. Co-présentation et animation de 2 sessions ("*Standard operating procedures for literature review*" et "*WP3 Session on functional genomics in toxicology study of CHM*").
 8. Participation au 2nd Annual General Meeting of the GP-TCM consortium, Braga, Portugal, du 21 au 24 juillet 2011. Co-présentation et animation de 2 sessions ("*Standard operating procedures for literature review*" et "*WP3 Session on functional genomics in toxicology study of CHM*").
 9. Participation au Comité de Pilotage Inter sectoriel du Programme MIDA Grands Lacs (Phase IV), Bruxelles, le 16 septembre 2011.
 10. Participation au "*WP1, WP3 and WP7 Joint Meeting of the GP-TCM consortium*", Strasbourg, France, le 29 septembre 2011.
 11. Participation au meeting "*Preparation of the new ITN Marie Curie project*", Henley-on-Thames, Angleterre, du 24 au 25 novembre 2011.
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12. *Chairman de session, Good Practice in Traditional Chinese Medicine International Congress, Leiden, Hollande, 16 avril 2012.*
13. *Invited speaker pour le "2012 Shanghai International Conference on Traditional Chinese Medicine and Natural Medicine", Shanghai, R.P. Chine, 20-21 octobre 2012.*
14. *Invited speaker pour le "Symposium international de l'AFERP et de STOLON". ULB et UCL, Bruxelles 22-24 Mai 2013.*
15. *Panellist de la session "Natural Products I (Biological Assay)", 12th Meeting of Consortium for Globalization of Chinese Medicine (CGCM), Graz, Austria, 27 - 29 août 2013.*
16. *Invited speaker pour "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, Chine, du 18 au 20 juillet 2014.*
17. *Chairman de la 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, Chine, 18 juillet 2014.*
18. *Chairman de la 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, Chine, 19 juillet 2014.*
19. *Chairman de la 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 juillet 2015.*
20. *Chairman de la session "Project cases: rural development, health and alumni support", pour la réunion "Bridging East and West: Belgian University Cooperation with Vietnam", organisée par l'ARES et le VLIR, Bruxelles, 23 octobre 2015.*
21. *Invited speaker et représentant de l'ARES-CCD pour le symposium "Biodiversity and development, a global heritage", organisé par le programme CEBioS (Capacities Biodiversity and Sustainable Development) et l'Institut Royal des Sciences Naturelles, Bruxelles, 26 novembre 2015 (<http://www.biodiv.be/cebios2/events/biodiv-dev/nl/resume-de-la-journee-anglais>).*
22. *Chairman de session pour la 10th International Scientific Conference "Vital Nature Sign", Vilnius, Lituanie, 19 mai 2016.*
23. *Invited speaker pour le workshop "The Future of Phytomedicines: What Are Key Principles?", organisé par Bayer, Copenhagen, Denmark, 22 juillet 2016.*
24. *Chairman de la 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, Chine, 8 août 2016.*
25. *Chairman de la 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, Chine, du 8 au 10 août 2016.*
26. *Conférence invitée lors du colloque "L'internationalisation de l'enseignement supérieur", Haute Ecole Condorcet, Charleroi, le 14 octobre 2016.*
27. *Invited speaker lors du colloque "Future Trends in Global Healthcare - Fusion of Traditional Medicines and Modern Technologies", The First Cambridge Belt & Road Initiative International Conference, Cambridge, UK, le 7 juillet 2018.*
28. *Membre du Scientific Committee et du Best poster award panel lors du 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 août 2018.*
29. *Chairman de la Session 4-1 ("Ethnopharmacology and traditional medicinal practices") lors du 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 août 2018.*
30. *Chairman de la Session 4 ("Pharmacology and Toxicology Special Interest Group: Is there a difference between pharmacology and toxicology or is it a matter of dose?") lors du 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.*
31. *Conférence plénière invitée lors de la Journée Scientifique de la Société Royale de Chimie, UMONS, le 11 octobre 2018.*
32. *Chairman de la Session "Pharmacology and Toxicology Special Interest Group: The link between pharmacology, toxicology and traditional use: a possible reconciliation?" lors du International Conference for Global Cooperation in Traditional Medicine in association with*

- 7th GP-TCM RA Annual Meeting, Daegu Haany University, Corée du Sud, 9-10 juillet 2019.
33. Conférence plénière invitée lors du *"2019 Traditional Medicine International Cooperation Forum"*, Guangdong-Macau Traditional Chinese Medicine Technology Industrial Park Development Co. Ltd, Macao, 24-26 septembre 2019.
34. Représentant de l'ARES-CRI à la table ronde de la conférence *"Bologne dans un monde qui change"*, organisée par la Direction générale de l'Enseignement supérieur, de l'Enseignement tout au long de la vie et de la Recherche scientifique, Bruxelles, 21 septembre 2020.
35. Représentant de l'ARES-CRI à la conférence *"European Higher Education Area (EHEA) Ministerial Conference 2020"*, Rome (on-line), Italie, 19 novembre 2020.
36. Participation à la Table Ronde de l'Atelier "Santé", Assises de la Francophonie scientifiques de l'AUF, Université Politehnica de Bucarest, Roumanie, 22-23 septembre 2021.
37. *Chairman* de Session lors de la *"International conference on exploring the medical, (eco)-toxicological and socio-economic potential of natural extracts in Norther Vietnam"*, Hanoi, Vietnam, 8 novembre 2022

Other Relevant
Information