Références bibliographiques

[1].Afsset B, 2008. Évaluation des risques liés aux nanomatériaux pour la population générale et pour l'environnement. Rapport d'expertise collective.

[2].Aggarval BB , Takada Y, Ommen OV, 2004. From chemoprevention to chemotherapy: common targets and common goals Expert Opin Investig Drugs.p. 27-38.

[3].Aggarval BB, Kumar A,Bharti AC, 2003. Anticancer potential of curcumin : preclinical and clinical studies. Anticancer. p.98.

[4].Akram M, et *al* , 2010. Curcuma longa and curcumin, Rom. p.65–70.

[**5].Almeida E A, DiasBainy A C, MeloLoureiro A P, MartinezRegina R, Miyamoto S, Onuki J, FujitaBarbosa L, et *al*, 2007.** Oxidative stress in *Perna perna* and other bivalves as indicators of environmental stress in the Brazilian marine environement: antioxidants, lipid peroxidation and DNA damage.p.588–600.

[6].Aounallah et Aouachia, 2015. Ransport of liposomal and albumin loaded curcumin to living cells: an absorption and fluorescence spectroscopic study.

[7].Araujo CC, Leon LL, 2001. Biological activities of Curcuma longa L. Mem Inst Oswaldo Cruz.p.723-28.

[8].Atkin U, legaddi R et al, 2005. Oxidative susceptibility of unfractioned serum or plasma: response to antioxidants in vitro and to antioxidants supplementation.p. 2138-2144.

[9].Baratli Y, 2015. Etude de la toxicité des nanopartiules d'oxyde de fer, Fe_3O_4 Chez le rat, analyse mitochondriales et stress oxydants.

[10].Blasco J, Puppo J, 1999. Effects of heavy metals (Cu, Cd and Pb) on aspartate and alanine amino transferase in Ruditapes philippinarum (Mollusca: Bivalvia). Comp. Biochem. Physiol.p.253–263.

[11].Boullard B, 2001. Dictionnaire des plantes médicinales du monde. Paris : Estem, p.174.

[12].Boullard T, 2007. Dictionnaire des plantes médicinales du monde. Paris : Estem, p.168.

[13].Bradford M, 1976. A rapid and sensitive method for the quantities of microgram quantities of protein utilizing the principle of proteinbinding, *Anal. Biochem*.p.248–254.

[14].Bras GJ, 2007. Ectoxicologie et méthodes d'investigation « les bio-indicateurs » version 2.0. Isa & Université Catholique de Lille. p. 91.

[15].Byung K Y, Guk N k, Yong I J, Hun J, Pradeep M, chi-hyun, 2008. Hypolycemic effects of exo-biopolymers produced by Five Different medicinal mushrooms in STZ-induced diabetic Kat-the Karеam society of mycology.p.45-49.

[16].Cakmak ET, Horst Z, 1991. Effects of aluminum on lipid peroxidation, superoxide dismutase, catalase, and peroxidase activities in root tips of sovbean (Glycine max).p.463-468.

[17].Camille L et Marie C, 2010. Les nanoparticules dans l'écosystème sol.

[18].Canesi L, Ciaccia C, Piccolib G, Stocchib V, Viarengo A, Gallo G, 1998. In vitro and in vivo effects of heavy metals on mussel digestive glandhexokinase activity: the role of glutathione.p.261–268.

[19].Cherukuri P,gannon C J, Lecuw T K, Schmide H K, Samalley R E, Curley S A et Wcisman R B, 2006. Mammalian Pharmacokinetics of Carbon Nanotubes Using Intrinsic Near-Infrared Fluorescence.Proc Natl Acad Sci Usa. P.18882-18886.

[20].Chouly C ,Pouliquen D, Lucet I ,Jeune Jj , Jalet P,1996. Developement of superaragmentic nanoparticu les for MRI, effect of particle size charge and surface nature .]p.245-255.

[21].Claude O, Brigitte R, Luc M,Charles A, 2008. Guide de bonnes pratiques favorisant la gestion des risques reliés aux nanoparticules de synthèse. Institut de recherche Robert-Sauvé en santé et en sécurité du travail.

[22].Cook M, Jackson A, Nickless G, and Roberts D.J. 1979. Distribution and speciation of Cadmium in the terrestrial snail Helix aspersa. Bultein of environmental Contamination and Toxicology. p. 445-451.

[23].Delaveau A ,lbin M, 1987. Les épices. Histoire, description et usage des différents épices, aromates et condiments. Paris .p.130-136.

[24].Dimmock JR, Kumar P,1997. Anticancer and cytotoxic properties ofMannich bases. C urr m ed chem.

[25]. Dohare P, Garg U, 2008. Neuroprotective efficacy and therapeutic window of curcuma oil: in rat embolic stroke model. p.55.

[26].Dubois M, Gilles KA, Hamilton JK, Rebers PA, Smah F, 1956. Colorimetric Method foe Determination of Sugars and Related Substances. Analytical Chemistry.p.350-356.

[27].Dymock W, Kegan P, 1890. Pharmacographia indica,a history of the principal drugs of vegetable origin. Londres. P. 624.dysfunction : the Coronary Artery Risk Developpement in Young Adults (CARDIA)/ Young Adult Longitudinal Trends in Antioxidants (YALTA) Study.

[28].Esterbauer H, Gebicki J, Puhl H, Jurgens G, 1992. The role of lipid peroxidation and antioxidants in oxidative modification of LDL. p.341-349.

[29].Evrard N, 2017. Article :qu'est-ce que c'est le glucide ?

[30]. Flohe L, Gunzler WA, 1984. Analysis of glutathione peroxidase, Methods Enzymol.p. 114–121.

For biomedical applications. Biomaterials.

[31]. Forbes V.A., Forbes 3 .L.S., Riviére J.L. 1997. Écotoxicologie: théorie et applications. Editions Quae, Paris.p.424.

[**32].François P. 2012.** Toxicité des nanoparticules métalliques chez différents modèles biologiques. Thèse de doctorat, Université du Québec à Montréal..

[33]. Girre L, **1981**. La médecine par les plantes à travers les âges. Rennes : Ouest France, p.187.

[34].Goldsworthy AC, Mordue W, Guthkelch J, 1972. Studies on insect adipokinetic hormones Gen.Comp. Endicranal.p.306-314.

[35].Grazyna BP, Jerzy G, Pawel L, 2009. Nanoparticles: Their potential toxicity, waste and environmental management. Waste Mana. 2587-2595.

[36].Guldner S, 1986. Les Zingiberacées, une famille à épices, p.86-102.

[**37].Gupta AK, Gupta M, 2005.** Synthesis and surface engineering of iron oxide nanoparticles

[38].Habig W H, Pabst M J, Jakoby W B, 1974. Glutathione S-transferases. The first step in mercapturic acid formation.p.7120-7130.

[39].Hare J, Engl J, 2004. Nitroso-redox balance in the cardiovascular system.p. 2112-2114

[40].Hemeida R A, Mohafez O M, 2008. Journal of the Egyptian National 36.Cancer Institute.p. 141-148.

[41].Hozawa A, Jacobs D, Steffes M, et *al*, 2007. Draft technical report Particle size selective sampling and analysis

[42].Hozawa A, Jacobs D, Steffes M, et al, **2007.** Relationships of circulating carotenoid concentrations with several markers of inflammation, oxidative stress, and endothelial

[**43]. Huk I, Brokovich V, Nanobashvili J, Weigel G, Neumayer C, Partika L, Patton [44]. N,Malinski T, 1998.** Bioflavonoid quercetin scavenger superoxide and increases nitric oxideconcentration in ischemia-reperfusion injury: an experimental study.p.1080-1085.

[45].INRS, SD. Particules ultra-fines et santé.

[46]. Institut national de recherche et de sécurité, 2008. Les nanomatériaux.*Paris.*

[47]. ISO, 2004. Draft technical report Particle size selective sampling and analysis.

[48]. Jalilian A, Panahifar A, Mahmoudi M, Akhlaghi M et Simchi A, 2009. Presentation and biological evaluation of –Labeled-superparamagnetic nanoparticules In normal radiochimica acta.p.51-56.

[49]. Jansen PCM, Grubben GJH, Cardon D, **2005.** Ressources végétales de l'Afrique tropicale. Colorants et tanins. Wageningen .Pays-Bas : PROTA. p.238

[50]. Jayaprakasha G K, Jagan M, Sakariah K, 2005. Chemistry and biological activities of C.longa. Trends in Food Science et technology.

[51]. Jodi C, SD. Anatomie du foie. Université de Toronto. Canada.

[52].Leurinskiet *al*, 2008. Tudies on spice principles as antioxidants in the inhibition of lipid peroxidation of rat liver microsomes.

[53]. Ling B, Peng F, Alcorn J, Lohmann K, Bandy B, Zello, GA, 2012. D-Lactate altered mitochondrial energy production in rat brain and heart but not liver.p.9- 6.

[54]. Little E.E, Archeski R.D., Flerov B.A. Koslovskay V.I. 1990. Bihavioural indicators of sublethal toxicity in rainbow trout.p.380-385.

[55]. Lopez-Lazaro M., Martin-Cordero C., Ayuso M., J., 2000. Two new flavonol glycosides as DNA topoisomerase I poison.p.898-902.

[56]. Lum H, Roebuck K, 2001. Oxidant stress and endothelial cell dysfonction Am J Physiol Cell Physiol 280.p.719-741.

[57].Masaya M, Yoshinobu H, Ai Y, Maki K, and Yasuo O, 2002. Determination of cellular levels of nonprotein thiols in phytoplankton and their correlation with susceptibility to mercury .p.983.

[58].Michailova, 1998. A comparative assessment of liver function in workers in the petroleum industry.

[59].Ministère de l'écologie et du développement durable, 2006. Quels dangers, quels risques ? Comité de la prévention et de la protection, Nanotechnologies, Nanoparticules.

[60].Morin D, Thiery H, Spedding M, Tillement J, P, 2001. Mitochondria as target forantiischemic drugs.p. 22-67.

[61]. **Mulder TP, Court D A, Peter WH, 1999.** Variability of glutathione-S-transferasein human liver and plasma,p.355-359.

[62]. Nandiyanto S,-G Kim; F. Iskandar; K. Okuyama, 2009. p: 447–453

[63]. Naqvi S, Samim M, Abdin M, 2010. Concentration independent toxicity of iron oxide nanoparticles mediated by Increased oxidative stress. Nanomedicine.

[64].Nowack A, 2009. The behavior and effects of nanoparticles in the environment. Environmental Pollution.

[**65].Oberdörster G, Ferin J, Lehnert BE, 1994.** Correlation between particle size, in vivo particle persistence, and lung injury Environmental health perspectives.102- 173.

[66]. Okon E, Poupiquen D, Okon P , Et Al, 1994 . Bidegradation Of Magnetite Dextran Nanoparticules In The Rat.A Histologic And Biphysicalstudy.p.895-903.

[67]. Peccini E, **Staudenmann W, Albergoni V, Gabriel R.D, James P, 1994.** Purification and primary structure of metallothioneins induced by Cadmium in the protests Tetrahymena pigmentosa and Tetrahymena pyriformis.p.853-859.

[68].Penso G, 1986. Les plantes médicinales dans l'art et l'histoire. Paris.

[69].Perry MC, 2008. Evaluation de la curcumine comme agent anti-cancéreux dans le traitement des tumeurs cérébrales. Montréal.

[70]. Quadros ME, Marr LC, 2010. Environmental and human health risks of aerosolized silver nanoparticles.

[71].Quinlan R, Gutteridge K, Huk I, Brokovich V, Nanobashvili J, Weigel G, Neumayer C, Partika L, Patton N,Malinski T, 1998. Bioflavonoid quercetin scavenger superoxide and increases nitric oxideconcentration.p.1080-1085.

[72].Risom et *al*, 2005. A mechanistic model for the aging of human ski Micron.

[73].Roger L, 2014. Nanotoxiques. Une enquête. Actes Sud, Paris.

[74].Sajem AL, Gosai K, 2006. Traditional use of medicinal plants by the Jaintia tribes in North Cachar Hills district of Assam. northeast India.p.33.

[75].Savina P, 2014. Synthèse Bibliographique en Biologie et Biotechnologie Master Biologie Gestion.

[76].Shahid N, 2016. Valeur therapeutique du curcuma. Laboratoire Phytomisan. France.

[77].Shehzad A et Young S, 2013. Molecular Mechanisms of Curcumin action, Signal Transduction.

[78].Shibko S, Koivistoinen P, Tratnyek CA, Newhall A R, Fridman L, 1966. A method for sequential quantitive separation and determination of protein, RNA, DNA, lipid, and glycogen from a single rat liver homogenate or from a subcellular fraction. Analytical Biochemistry. p.514-528.

[79].societe nationale francaise de gastro-enterologie, 2016. carcinome hépatocellulaire.

[80].Stone V, Nowack B, Baun A et al, SD. Nanomaterials for environmental studies classification.

[81].Sun, J.W. Liu, Z.Y. Liu, S.Q. Zhang, Y.Q. Le, W. Huang, S.Y. Xin, Chin. J. Gerontol, 2005. Antioxidant and anti-inflammatory activities of proteins isolated from eight Curcuma species Phytopharmacology.

[82].Tissier M, 2011. Contribution à l'étude du stress oxydant chez le chien de cross canin.

[83].Toyokuni S, 2002. Iron and carcinogenesis from Fenton reaction to target genes .Redox .p.189-197.

[84].Valko M, Leibfritz D, Moncol J , Cronium M , Mazur M et Telser J, 2007. Free Radicals Andantioxidants In Normal Physiological Functions And Human Biol.p . 44-84.

[85].Wang Y F Tsai P J Chen C W Chen D R Hsu D J .2010 Using A Modified Electrical Aerosol Detector To Predict Nanoparticules Exposures To Different Regions Of The Respiratory Tract For Workers In A Carbon Black Manfacturing Industry.

[86].Yang S T, Wang X, Jia G, Wang H Et Liu Y, 2008. Long term accumulation and Low Toxicity of single-walled carbon In Intravenously exposed mice.Toxicol -Lett .p.182-189.

[87]. Zhang F, Altorki N K , Mestre J R, 1999. Curcum in inhibits cyclooxygenase-2transcription in bile acid-and phorbol ester-treated human gastrointestinal epithelial cells Carcinogenesis.p.44

WEB

I. www.nanotechproject.org.

II. www.nanotechproject.org.

III. www.plantcultures.org/plants/tumeric_landing.html,consultéle.

IV. .http://www.liver.ca/fr/liver-disease/types/toxic-hepatitis.aspx.

V. www.phytomisan.com.

VI. www.sciencedirecte.com

VII. www.techno-science.net.

VIII. http://www.sicac.org/pmb/opac_css//doc_num.php?explnum_id=667.