

BIOGRAPHY

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Title and name

Dr Claude Lambré

Nationality

French

Panel

Scientific Panel on Food Additives and Nutrient Sources added to Food (ANS)

Education

Doctorat d'état ès Sciences; 1981; Institut Pasteur Paris, France: Experimental influenza infection in the guinea pig. Interactions between the immune system and glycosidic structures during the viral induced pneumonia.

Doctorat de 3eme cycle (Ph D) ; 1973; Université Pierre et Marie Curie Paris, France: Study of the anti-complementary effect of heparin

Diplôme d'étude approfondie, Biochemistry; 1969; Université Pierre et Marie Curie Paris, France.

Maîtrise, Physiologie animale ; 1968; Université Paris 6, France

Diplôme Universitaire d'enseignement supérieur, 1966; Faculté de Sciences Paris, France

Trainings in Cellular Immunology 1976 (Birmingham, AL, USA) and Molecular Virology 1989 (Memphis, TN, USA) |

Scientific and risk assessment experience

Expert in toxicology and ecotoxicology, particularly long term toxicity, immunotoxicity and nanotechnologies.

Expert in environmental and food risk assessment, including the safety evaluation of food additives and nutrient sources. Conducting toxicological evaluations and establishing acceptable daily intakes (ADIs) or tolerable intakes.

Member of several national and international risk assessment bodies (JECFA, CSTEE, OECD), in the fields of Health and Medical Research, Health and Environmental Risks, Toxicity and Ecotoxicity, Public Health, etc.

Major topic of scientific research focus on the role of glycosides in the immune responses and on their implication in toxic responses and especially in immunotoxicity.

Leading experimental research in toxicology and pulmonary medicine at international level.

Main scientific publications

Most of the research publications relate to the roles of glycosides in the immune responses and to their implication in toxic responses and especially in immunotoxicity; then to environment and food risk assessment.

1. LAMBRÉ, C. R., KAZATCHKINE, M. D., MAILLET, F. and THIBON, M. 1982. Guinea pig erythrocytes after their contact with influenza virus acquire the ability to activate the human alternative pathway through virus-induced desialylation of the cells. *J. Immunol.*, 128, 629-634.
2. KAZATCHKINE, M. D., LAMBRÉ, C; KIEFFER, N., MAILLET, F. and NURDEN, A. 1984. Membrane bound hemagglutinin mediates antibody and complement dependent lysis of influenza virus treated human platelets in autologous serum. *J. Clin. Invest.*, 74, 976-984.
3. TRIZIO, D., BASKETTER, D.A., BOTHAM, P.A., GRAEPEL, P.H., LAMBRÉ, C.R., MAGDA, S., PAL, T.M., RILEY, H., VAN SITTERT, N. and BONTINCK, W.J. 1988. Identification of immunotoxic effects of chemicals and assessment of their relevance to man. European Chemical Industry Ecology and Toxicology Center, Bruxelles, monograph n° 10.
4. LAMBRÉ, C.R., TERZIDIS-TRABELSI, H., GREFFARD, A., and WEBSTER, R.G. 1991. An enzyme-linked lectin assay for sialidase. *Clinica Chimica Acta*, 198: 183-194.
5. PILATTE, Y. and LAMBRÉ, CR. 1993. Sialic acids as important molecules in the regulation of the immune system: Pathophysiological implications of sialidases in immunity. *Glycobiology*. 3: 201-217.
6. LAMBRÉ, C.R., Aufderheide, M., Bolton, R. E., Fubini, B., Haagsman, H. P., Hext, P. M., Landry Y, Morin J-P, Nemery B, Nettesheim P, Pauluhn J, Richards, R. J., Vickers, A., and Wu, R. 1996. In vitro tests for respiratory toxicology. *A.T.L.A.* 24: 671-681.
7. LAMBRÉ C.R., SCHORSCH, F., BLANCHARD, O., RICHARD, J., BOIVIN, J-C., HANTON, D., GRIMM, H., and MORSCHIEDT, C. 1998. An evaluation of the carcinogenic potential of five men made vitreous fibres using the intraperitoneal test. *Inhal. Toxicol.* 10: 995-1021.
8. AIT-AISSA, S., PORCHER, J-M., ARRIGO, J-P., and LAMBRÉ, C. 2000. Activation of the HSP 70 gene promoter by environmental inorganic and organic chemicals : relationships with cytotoxicity and lipophilicity. *Toxicology*. 145 : 147-157.
9. VOS, J.G., DYBING, E., GREIM, H.A., LADEFOGED, O., LAMBRÉ, C., TARAZONA, J.V., and BRANDT, I. 2000. Health effects of endocrine-disrupting chemicals on wildlife, with special reference to the european situation. *Crit. Rev. Toxicol.* 30 : 71-133.
10. OULD ELHKIM, M., HERAUD, F., BEMRAH, N., GAUCHARD, F., LORINO, T., LAMBRÉ, C., FREMY, J-M., POUL, J-M. 2007. New considerations regarding the risk assessment of Tartrazine. An update toxicological assessment; intolerance reactions and maximum theoretical daily intake in France. *Regul Toxicol Pharmacol.* 47 :308-16.