

Curriculum Vitae

Last name, First name: SIMONNARD ALAIN

Gender: MALE

Nationality/ies: FRENCH

Overall Scientific Expertise:

My professional experience has been gained in various sectors: research for antidotes against organophosphate poisonings, development of drug candidates, hazard assessment of cosmetic ingredients and hazard assessment in relationship with the use of chemicals in occupational toxicology.

My research activity concerned in particular the study of molecules with oxime function used as antidotes against the intoxications with organophosphate compounds.

I have had to select one molecule was selected among several series of N-alcoylimidazolium carbaldoxime salts on the basis of chemical, pharmacological and toxicological criteria and in a second phase, I had to perform all toxicological studies required to register the selected molecule. In different companies or organizations, I have had to perform toxicological studies with drugs candidates, agrochemicals and chemicals and to propose development strategies.

I gained also knowledge in the study of the toxicity of mineral fibers such as glass fibers. This knowledge concerns particularly the generation of fibers, their characterization and the study of carcinogenic potential.

I have gained a special experience in the drug development, specifically as adviser for the project teams or as adviser to establish development plans and to analyze scientific results for drug candidates among them biologics. From strictly scientific point of view, my experience in toxicology and safety pharmacology increased in the field of anticancer (cytotoxic and monoclonal antibodies), cardiovascular and psychotrope drugs but also in New Chemical Entities.

I participated also in the implementation of REACH regulation in a pharmaceutical company, I was also responsible for the classification, labeling of substances and the unit for the preparation of safety data sheets and I have contributed to the establishment of the Global Harmonization System.

During my last job, I was very involved in all areas relating to occupational toxicology, prevention and protection of employees and especially in determining the occupational exposure limits for chemicals in the workplace.

I also have extensive experience in risk assessment in the field of medicines in pharmaceutical industry and in the use of chemicals, especially by my participation in the experts group for hazard assessment of chemical substances to ANSES (French Agency for Food, Environmental and Occupational Health and Safety) since 2013 and by my participation in SCOEL (Scientific Committee on Occupational Exposure Limit Values) since 2015.

Professional Experience

Years employed from – to	Title of position	Employer – name and location	Areas of professional specialisation [^]
2012 to 2016	Head of Toxicology and Biométrie	INRS (Institut National de Recherche et de Biométrie) Vandoeuvre les Nancy - France	Occupational toxicology

2011	Head of Toxicology department	THOR Personal Care Compiègne - France	In vitro toxicology
2008 to 2010	Director of Toxicology	CITOXLab - Evreux - France	General toxicology (in vivo and in vitro), reprotoxicology, genotoxicology, pharmacokinetics and metabolism and analytics
1995 to 2008	Director of Toxicology	Institut de Recherche Pierre Fabre (Laboratoire Pierre FABRE) – Toulouse - France	General toxicology (in vivo and in vitro), reprotoxicology, genotoxicology, pharmacokinetics and metabolism and analytics
1986 to 1995	Director of Toxicology	CIT - Evreux - France	General toxicology (in vivo and in vitro), reprotoxicology, genotoxicology, pharmacokinetics and metabolism and analytics
1981 to 1986	Head of toxicology laboratory	Centre d'Etudes du Bouchet (Ministère de la défense) – Vert le Petit - France	General toxicology (in vivo and in vitro) – Neurotoxicology - Anatomopathology
1980 to 1981	Researcher	Faculty of Pharmacy - Paris V	General toxicology – Neurotoxicology

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Educational Background

[Starting with the most recent, please provide the details of your post-secondary education and/or professional training (e.g. university or its equivalent, postgraduate, postdoctoral). Please copy and paste more rows if needed.]

Year	Degree awarded	Educational Institution – name and location	Areas of educational specialisation*
1997 – 1998	Master degree	Veterinary School of Toulouse - France	Embryology in Laboratory Animals
1981 - 1986	PhD in Pharmaceutical science (Toxicology)	Faculty of Pharmacy – Paris V	General toxicology – Anatomopathology - Neurotoxicology
1997 – 1998	Master degree in Embryology for Laboratory Animals	Veterinary School of Toulouse - France	Anatomopathology
1979 - 1980	Master degree in Toxicology	Faculty of Pharmacy – Paris V	Toxicology
1973 - 1978	Doctor of Pharmacy	Faculty of Pharmacy – Reims - France	Pharmacy

Memberships in Scientific Advisory Bodies/Committees/Panels *(if any):*

Expert in hazard assessment of chemical substances expert group to ANSES (French Agency for Food, Environmental and Occupational Health and Safety) since 2013.

Expert in SCOEL (Scientific Committee on Occupational Exposure Limit Values) since 2015.

Expert in SCHER as external expert (Working group on non-human primates testing) since 2016.

Memberships in Learned Societies *(if any)*

Société Française de Toxicologie (SFT), from 2007 as President of the French Society of Toxicology

EUROTOX,

ESTIV (European Society of Toxicology In Vitro)

Société Française de Toxicologie Pathologique,

Association de Recherche en Toxicologie (ARET)

Société de Pharmacologie et de Toxicologie Cellulaire (SPTC)

Société Française de Toxicologie Génétique (SFTG)

American Conference of Industrial Hygienists (ACGIH)

Memberships in Editorial Boards *(if any):*

None

List of Publications:

- 5 publications with restricted diffusion (Top Secret) prepared in the context of my research activities in the Centre d'Etudes du Bouchet (Research center depending on the Defence ministry). I was studying the toxicology of some organophosphate compounds and that of pyridinium carbaldoxime salts used as therapeutic agents.
- Survival rate - Update in France: viewpoint of a French Contract Lab - Charles River meeting - May 1993.
- Survival Rate, Food consumption and Body weight in Sprague Dawley Rats used in carcinogenicity studies (poster) - EUROTOX 94 - Basel.
- Absence of Vesicant Activity with Vinflunine – Results of a Dermal Irritation Study in Rabbits – SOT 2006 – San Diego

- Echocardiography for the Evaluation of Cardiac Toxicity in Cynomolgus Monkeys
11th International Congress of Toxicology 2007 – Montreal
- Non invasive Blood Pressure Monitoring in Ambulatory Cynomolgus Monkeys – SOT -
2009 - Baltimore
- Non invasive Blood Pressure Monitoring in Ambulatory Beagle dogs – SOT 2010 – Salt
Lake City
- Validation of a non-human Primate Telemetry Model for Assessment of Contractility
Parameters - 12th International Congress of Toxicology 2010 – Barcelona
- Juvenile Studies in the minipigs: Feasibility Study - 12th International Congress of
Toxicology 2010 – Barcelona
- Evaluation of Neurotoxicity Potential in Rats: The Functional Observational Battery
Curr. Protoc. Pharmacol. 51:10.12.1-10.12.9. © 2010 by John Wiley & Sons, Inc.