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# Geoffrey Hynes

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## Professional Profile

Mr. Hynes is an experienced regulatory toxicologist and genetic toxicologist having worked in the beauty, household, fragrance and pharmaceutical industries. He has considerable experimental/technical knowledge of genetic toxicology gained through 25+ years as a Principle Genetic Toxicologist at GSK and Head of in vivo Genetic Toxicology at a contract research organization (CRO) and additionally through Study Monitoring (10+ years).

Mr. Hynes has expert knowledge of in vitro/in vivo skin and eye irritation studies and skin sensitization. In addition, he is an expert in the OECD [Q]SAR Toolbox and presented at ECHA in 2011 on the industry experiences and future requirements/enhancements. He was a member of the action group for the ECETOC Technical Report 116 publication on “Category Approaches, Read-Across and [Q]SAR."

While in the fragrance industry, he was a member of the International Fragrance Association (IFRA) genetic toxicology, repeated dose toxicity/DART and Computational toxicology expert working groups. Geoff managed and presented at the French Society of Genetic Toxicology (2009) as lead European laboratory for the international validation trial of the In vivo Rodent Alkaline Comet Assay organized by the Japanese Centre for the Validation of Alternative Methods (JaCVAM). In addition, he was the initial EU CRO representative for the drafting of the new Test Guidance 487 on the In vitro Mammalian Cell Micronucleus Test (MNvit) prior to changing positions.

Geoff is a member of the British Toxicology Society.

## Academic Credentials & Professional Honors

B.Sc., Applied Biology, University of Hertfordshire, UK, 1996

## Prior Experience

The No.7 Beauty Company

RB

Givaudan

Huntingdon Life Sciences

GlaxoSmithKline

 

## Professional Affiliations

British Toxicology Society (BTS)

Industrial Genotoxicity Group (IGG)

## Publications

Interlaboratory Validation of a CD71-based Flow Cytometric Method (MicroFlow®) for the Scoring of Micronucleated Reticulocytes in Mouse Peripheral Blood. (Torous et al, Env.Mol.Mut 45:44-55 (2005).

The Single-Laser Flow Cytometric Micronucleus Test - A Time course Study Using Colchicine and Urethane in Rat and Mouse Peripheral Blood and Acetaldehyde in Rat Peripheral Blood. (Hynes et al, Mutagenesis vol.17; No.1:15-23 (2002).

Flow Cytometric Enumeration of Micronucleated Reticulocytes: High Transferability Among 14 Laboratories. (Torous et al, Env.Mut 38:59-68 (2001). (Co-Author).

**Presentations**

European Chemicals Agency (ECHA) – QSAR Toolbox workshop. Helsinki, November 2011. Client Databases – Importation, Issues and Performance.

French Society of Genetic Toxicology. Paris, June 2009. Validation of the in vivo Comet Assay. International - Japanese Center for the Validation of Alternative (JaCVAM) trial.

Industrial Genotoxicity Group (IGG) London, May 2001. The Single Laser Flow Cytometric Cytotoxicity Assay

Industrial Genotoxicity Group (IGG) Stansted December 1996. Automation of the Ames Assay : A Microbial Mutagenicity Assay (Xenometrix's Assay).