

CURRICULUM VITAE

April 2018



Title and name

Prof Peter Moldeus

Nationality

Swedish

Panel / Scientific Committee

Panel on Food Additives and Flavourings (FAF)

Education

PhD in Toxicology, 1974, University of Stockholm

Bachelor in Biochemistry, 1971, University of Stockholm

Work Experience

1994 – 2012	AstraZeneca	Global Head and VP Safety Assessment, Globally responsible for all preclinical Safety Assessment in AstraZeneca leading an organisation of more than 600 employees. Member of the executive committee for R&D.
1986 – 1993	Karolinska Institutet	Professor of Biochemical Toxicology, Leading a research group and was responsible for the Toxicology education program at Karolinska Institutet
1976 – 1985	Karolinska Institutet	Assistant/Associate Professor. Research and teaching. Active in starting the Toxicology education program at Karolinska Institutet.

Scientific expertise

Mechanisms of Toxicity

Regulatory Toxicology

Carcinogenicity

Toxicokinetics / Absorption, distribution, metabolism and excretion (ADME)

Risk Assessment

Most relevant scientific publications within the fields of EFSA

Author of more than 200 peer-reviewed scientific publications primarily centred around molecular toxicology with focus on metabolic activation and inactivation. In addition numerous internal reports and publications on the safety assessment of drug candidates developed in AstraZeneca.

Boyer CS, Bannenberg GL, Neve EPA, Ryrfeldt Å, **Moldéus P**, 1995. Evidence for the activation of the signal-responsive phospholipase A₂ by exogenous hydrogen peroxide. *Biochemical Pharmacology*, 50 (6), pp. 753-761.

Neve EPA, Boyer CS, **Moldéus P**, 1995. N-ethyl maleimide stimulates arachidonic acid release through activation of the signal-responsive phospholipase A₂ in endothelial cells. *Biochemical Pharmacology*, 49 (1), pp. 57-63.

Nakagawa Y., Nakajima K., Tayama S., **Moldeus P**, 1995. Metabolism and cytotoxicity of propyl gallate in isolated rat hepatocytes: Effects of a thiol reductant and an esterase inhibitor. *Molecular Pharmacology*, 47 (5), pp. 1021-1027.

Mehrotra K, Constantin D, Wallin A, **Moldéus P**, Jernström B, 1994. Nitrite-stimulated DNA-binding of carcinogenic diol epoxides from benzo[a]pyrene-7,8-dihydrodiol in human polymorphonuclear leukocytes. *Cancer Letters*, 78 (1-3), pp. 49-56.

Constantin D., Mehrotra K., Jernström B., Tomasi A, **Moldéus P**, 1994. Alternative Pathways of Sulfite Oxidation in Human Polymorphonuclear Leukocytes. *Pharmacology & Toxicology*, 74 (2), pp. 136-140.

Yoshio N., Sumiko T, Moore G, **Moldéus P**, 1993. Cytotoxic effects of biphenyl and hydroxybiphenyls on isolated rat hepatocytes. *Biochemical Pharmacology*, 45 (10), pp. 1959-1965.

Thompson DC, Thompson JA, Sugumaran M, **Moldéus P**, 1993. Biological and toxicological consequences of quinone methide formation. *Chemico-Biological Interactions*, 86 (2), pp. 129-162.

Shertzer HG, Bannenberg GL, **Moldéus P**, 1992. Evaluation of iron binding and peroxide-mediated toxicity in rat hepatocytes. *Biochemical Pharmacology*, 44 (7), pp. 1367-1373.

Shertzer HG, Bannenberg GL, Rundgren M, **Moldéus P**, 1991. Relationship of membrane fluidity, chemoprotection, and the intrinsic toxicity of butylated hydroxytoluene. *Biochemical Pharmacology*, 42 (8), pp. 1587-1593.

Yoshio N, Cotgreave IA, **Moldéus P**, 1991. Relationships between ascorbic acid and α -tocopherol during diquat-induced redox cycling in isolated rat hepatocytes. *Biochemical Pharmacology*, 42 (4), pp. 883-888.

Constantin D, Jernström B, Cotgreave IA, **Moldeus P**, 1991. Sodium nitrite-stimulated metabolic activation of benzo[a]pyrene 7,8-dihydrodiol in human polymorphonuclear leukocytes. *Carcinogenesis*, 12 (5), pp. 777-781.

Cotgreave IA, Constantin-Teodosiu D, **Moldeus P**, 1991. Nonxenobiotic manipulation and sulfur precursor specificity of human endothelial cell glutathione. *Journal of Applied Physiology*, 70 (3), pp. 1220-1227.

Thompson DC, Constantin-Teodosiu D, **Moldéus P**, 1991. Metabolism and cytotoxicity of eugenol in isolated rat hepatocytes. *Chemico-Biological Interactions*, 77 (2), pp. 137-147.

Sun Y, Cotgreave IA, Lindeke B, **Moldéus P**, 1990. The Protective Effect of Sulfite on Menadione- and Diquat-Induced Cytotoxicity in Isolated Rat Hepatocytes. *Pharmacology & Toxicology*, 66 (5), pp. 393-398.

Sun Y, Cotgreave I, Lindeke B, **Moldéus P**, 1989. The metabolism of sulfite in liver. Stimulation of sulfate conjugation and effects on paracetamol and allyl alcohol toxicity. *Biochemical Pharmacology*, 38 (23), pp. 4299-4305.
