

CURRICULUM VITAE

3/06/2014



Title and name

Prof. Matthew Wright

Nationality

British

Panel

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

Education

- BSc (Hons) Applied Biochemistry, 1989, Brunel University
- PhD Biochemistry, 1994, University of London

Work Experience

2006-present	Newcastle University, UK.	Reader and the Professor of Toxicology. Academic research and teaching.
2000-2006	University of Aberdeen, UK.	Lecturer and then Senior Lecturer. Academic research and teaching.
1997-2000	Southampton University, UK.	Post-doctoral research fellow. Academic research. Investigating the role of myofibroblasts in chronic liver injury and fibrosis.
	University of London (St Barts), UK.	Post-doctoral research fellow. Academic research. Investigating the regulation of expression of cytochromes P450 in the liver.

Scientific and risk assessment experience

Main fields of experience involve research related to:

- Xenobiotic metabolism.
- Mechanisms of cell injury.
- Responses of liver to chronic liver injury.
- In vitro methodologies to screen for toxicity.
- Use of stem and progenitor cells to generate liver cells for toxicology studies.
- Adverse effects associated with nuclear receptor activation by hormones and xenohormones

Panel member 10 most relevant scientific publications within the fields of EFSA

Main areas of publications: Liver responses to injury; use of stem and progenitor cells in generating in vitro liver models for toxicity testing; xenoestrogens and liver injury.

Publications:

Probert PM, Chunga GW, Cockell SJ, Agius L, White SA, Oakley F, Brown CD, Wright MC. Utility of B-13 Progenitor-Derived Hepatocytes in Hepatotoxicity and Genotoxicity Studies. *Toxicological Sciences* 137, 350–370 (2014).

Probert PM, Ebrahimkhani MR, Oakley F, Mann J, Burt AD, Mann DA, Wright MC. A reversible model for periportal fibrosis and a refined alternative to bile duct ligation. *Toxicology Research* 3, 98 - 109 (2014).

Fairhall EA, Charles MA, Wallace K, Schwab CJ, Harrison CJ, Richter M, Hoffmann SA, Charlton KA, Zeilinger K, Wright MC. The B-13 hepatocyte progenitor cell resists pluripotency induction and differentiation to non-hepatocyte cells. *Toxicology Research* 2, 308 - 320 (2013).

Axon A, May F, Gaughan L, Williams FM, Blain PG, Wright MC. Tartrazine and Sunset yellow are xenoestrogens in a new screening assay to identify modulators of human estrogen receptor transcriptional activity. *Toxicology* 298, 40-51 (2012).

Ebrahimkhani MR, Oakley F, Murphy LB, Mann J, Moles A, Perugorria MJ, Ellis E, Lakey AF, Burt AD, Douglass A, Wright MC, White SA, Jaffré F, Maroteaux L, Mann DA. Stimulating healthy tissue regeneration by targeting the 5-HT2B receptor in chronic liver disease. *Nature Medicine* 17, 1668-73 (2011).

Wallace K, Flecknell PA, Burt AD, Wright MC. 2010. Disrupted pancreatic exocrine differentiation and malabsorption in response to chronic elevated systemic glucocorticoid. *American Journal of Pathology* 177, 1225-1232.

Wallace K, Burt AD, Wright MC. 2008. Liver fibrosis. *Biochemical Journal* 411, 1-18.

Haughton EL, Tucker SJ, Marek CJ, Leel V, Durward E, Bascal Z, Monaghan T, Koruth M, Mann DA, Collie-Duguid E, Trim JE, Wright MC. 2006. Pregnane X receptor activators inhibit human hepatic stellate cell trans-differentiation in vitro. *Gastroenterology* - 131, 194-209.

Marek CJ, Cameron GA, Elrick LJ, Hawksworth GM, Wright M.C. 2003. Generation of hepatocytes expressing functional cytochromes P450 from a pancreatic progenitor cell line in vitro. *Biochemical Journal* 370, 763-9.

Wright MC, Issa R, Smart DE, Trim N, Murray GI, Primrose JN, Arthur MJ, Iredale JP, Mann DA. 2001. Gliotoxin stimulates the apoptosis of human and rat hepatic stellate cells and enhances the resolution of liver fibrosis in rats. *Gastroenterology* 121, 685-698.