Worldwide Scientific Affairs 2003 Planned Project

Project#	N01373		Current	Previous	Original
Title	Rapid Screening Genotoxicity	Project Finish	03/01/03	12/20/02	09/30/02

[redacted]tive: The Vitotox (TM) Assay - an SOS bioluminescence Salmonella typhimurium test is a screening assay for the detection of in vitro genotoxicity. In order to establish screening assays for product development support, the suitability of this assay will be assessed to measure genotoxicity kinetics for prototype cigarettes by comparing the in vitro genotoxicity of cigarette mainstream smoke condensate from different single blend cigarettes and the University of Kentucky 1R4F reference cigarette.

Deliverable: Assay

Leader: Weber, S

Functional Area: PMRL (Cologne & Belgium)

Priority: Priority

Reason for Doing This: Product Development Guidance - Short Term

Disease Area ☑ Cancer ☐ CVD ☐ COPD ☐ Determinants of Exposure ☐ PDG ☐ ETS ☐ Repro ☐ PI Specific ☑ PMRL Specific
☐ CE Specific ☐ Scientific Affairs _Communication Specific ☐ Sensory Specific ☐ PMI WSA Neuchatel Specific

	Milestone	Current Finish	Previous Finish	Original Finish	Status / Comments
1	Testing of mainstream smoke (total particulate matter or condensate) of single blends, with the Vitotox(TM) assay	1/31/2002	1/31/2002	1/31/2002	Completed
2	Additional testing of MSC of single blends using different S9 and enhanced S9 amounts	5/31/2002	3/3/2002	5/31/2002	Completed
3	Additional testing of MSC of single blends using two more different enhanced S9 amounts in order to improve the discriminiation	10/18/2002	10/18/2002	9/30/2002	Delayed
4	Report	2/14/2003	12/20/2002	7/26/2002	Delayed
5	Decision on application	3/1/2003	7/26/2002	7/26/2002	Completed

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