

2000 External Issues Legal Support Plan

Objective: To provide tobacco and chemistry information and support to External Affairs and Legal via article in the peer-reviewed literature.

Target Completion: Fourth Quarter, 2000

Importance to RJR: There is often a need to provide information and support to External Affairs and Legal in the area of on tobacco and smoke chemistry. Information from peer-reviewed literature has been shown to be particularly important in defending assertions and allegations made against RJR and the industry.

Project Leaders: T. A. Perfetti

Client: L. S. Lewis

(Note: Updates are color-coded)

<u>Project Milestones:</u>	<u>Status</u>
Prepare manuscripts on the effect of factors that allegedly impact nicotine transfer efficiency	Ongoing
<ul style="list-style-type: none"> • Manuscript on the effects of K_2CO_3 on nicotine transfer efficiency • Manuscript on the effects of DAP on nicotine transfer efficiency 	In Internal Review In process of writing manuscript
<ul style="list-style-type: none"> • Manuscript on the transfer of nicotine from nicotine salts to MS cigarette smoke 	In Internal Review
Prepare manuscripts on the current range of IARC 2A and 2B compound in MS cigarette smoke	Ongoing
<ul style="list-style-type: none"> • Manuscript on an international survey of IARC 2A compounds found in MS tobacco smoke • Manuscript on an international survey of IARC 2B compounds found in MS tobacco smoke 	In Press Article Accepted by Journal
Prepare manuscripts on the key issues involved in presenting the cigarette smoke-complex mixture issue	Ongoing
<ul style="list-style-type: none"> • Manuscript on difficulties encountered in extrapolation of biological activity from cigarette smoke composition • Manuscript on uses and limitations of lists of "tumorigenic" components in cigarette mainstream smoke 	In Journal Review Process In Journal Review Process
Prepare manuscripts on the biological activity of tobacco smoke generated in a novel device that produces tobacco smoke aerosols at reduced pyrolysis/combustion temperatures	Ongoing
<ul style="list-style-type: none"> • Manuscript on the effects of tobacco pyrolysis/combustion temperature on Ames activity 	Submitted to Mutation Research, in Review at Journal

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Book on the "Analytical Determination of Nicotine and Related Compounds and Their Metabolites" Edited by J. W. Gorrod and Peyton Jacob III, was published. M. Borgerding and T. A. Perfetti have a chapter in this book on "Determination of Nicotine in Tobacco, Tobacco Processing and Tobacco Products".

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