
From: Davies, Bruce D.
Sent: Monday, October 23, 2006 2:15 PM
To: 'Hans-Juergen Haussmann'; Richard Carchman (walntz@msn.com); Chris Coggins (chris@carsonwattsconsulting.com); Patskan, George J.; Schleef, Raymond R. (Raymond.R.Schleef@pmusa.com); Krauss, Marc R. (Marc.R.Krauss@pmusa.com); Murrelle, Edward L. (Edward.L.Murrelle@pmusa.com)
Subject: RE:
DSS:

Excellent. I know I plan on being at the PM ERP presentations.

Hopefully we can get things finalized and speak by phone before that.

Good to hear from you,
Bruce

-----Original Message-----

From: Hans-Juergen Haussmann [mailto:HansJ.Haussmann@t-online.de]
Sent: Monday, October 23, 2006 1:45 PM
To: Bruce.D.Davies@pmusa.com
Subject: RE:

Last Thursday, we had a very constructive discussion between your Purchasing and Legal folks, my attorney and myself. I don't think that there are open ends, but your folks will need to come up with a new draft.

By the way, in addition to the meetings I mentioned earlier, I also plan to attend the PM ERP symposium in December in D.C. Maybe there will be a chance to meet – anticipating that the contract will be finalized by then.

Best regards,

Hans-Juergen

From: Bruce.D.Davies@pmusa.com [mailto:Bruce.D.Davies@pmusa.com]
Sent: Montag, 23. Oktober 2006 17:57
To: HansJ.Haussmann@t-online.de
Subject: RE:

Dear Hans Juergen,

Any update on your contract?

Bruce

-----Original Message-----

From: Hans-Juergen Haussmann [mailto:HansJ.Haussmann@t-online.de]
Sent: Monday, October 23, 2006 9:21 AM
To: Vanscheeuwijck, Patrick; Peck, Michael; McKinney, Willie; Tricker, Tony; Carchman, Richard; Davies, Bruce; Weiler, Horst; Friedrichs, Bärbel; Schlage, Walter
Cc: PMRL-G, Library
Subject:

Amazing paper: authors don't bother about inverse dose relationship (for inflammation), lowered TBARS in smoke-exposed vs. sham mice, and in particular, they conclude on something they have not tested in this paper, i.e., lights being so dangerous to lungs as FF cigarettes. On the other hand, maybe some end points could be worth looking at in PMRL studies.

AU: Valenca, SS; Castro, P; Pimenta, WA; Lanzetti, M; Silva, SV; Barja-Fidalgo, C; Koatz, VLG; Porto, LC

TI: Light cigarette smoke-induced emphysema and NF kappa B activation in mouse lung

SO: INTERNATIONAL JOURNAL OF EXPERIMENTAL PATHOLOGY, 87 (5): 373-381 OCT 2006

LA: English, DT: Article

AB: Light cigarette (LC) exposure is supposed to be less hazardous with a decreased incidence of cancer and tobacco-associated diseases. C57BL/6 mouse groups were subjected to smoke from 3, 6 or 12 LC for 60 days and compared with mice exposed to ambient air (EAA) in order to study lung injury by morphometrical and biochemical methods. Bronchoalveolar lavage (BAL) analysis and histology and stereology were performed. Tissue from the right lung was used for measuring thiobarbituric acid reactive substances (TBARS) and Western blot analysis. One way ANOVA was performed followed by the Student-Newman Keuls post-test ($P < 0.05$). The cellular content of BAL was 95% alveolar macrophages in all groups except in mice exposed to 3 LC, where 23% neutrophils were observed. Emphysema was not observed in three and 6 LC, but it was found in 12 LC parallel to increased volume density (V_v) of airspaces from 61.0 ± 0.6 (EAA) to 80.9 ± 1.0 (12 LC) and decreased V_v of elastic fibres from 17.8 ± 0.9 (EAA) to 11.8 ± 0.6 (12 LC). All exposed groups to LC showed low TBARS levels compared with mice EAA. Lung tissue from animals exposed to 12 LC showed decreased tissue inhibitor of metalloprotease-2 and increased matrix metalloprotease-12 detection, which suggests an imbalance in extracellular matrix (ECM). Increased tumour necrosis factor-alpha and nuclear factor-kappa B detection were observed in exposed groups to LC when compared with mice EAA. The data suggest that LC is so dangerous to lungs as full-flavour cigarettes inducing ECM imbalance and emphysema.

Best regards,

Hans-Juergen