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dr. t.s. osdene
director of research
and extramural studies
philip morris research center
richmond

with the request to forward to dr. r. pages
no. 3140 17.may 82 pe7 a8 drha/pe

re.: information for dr. osdene's presentation
significant accomplishments (or events) in 1979 to 1981
dr. page's telex message of 4.may 82

1 in vivo and in vitro smoke exposure

year type of study

in vivo (a)

1979 to 1981 establishment and selection of bioassays for differentiation of cigarettes

continued analyses of morphological, biochemical, immunological and functional responses of free lung cells

1979 micronucleus analyses in smoke-exposed hamsters and rats

methodological study. comparison of smoke with inert and irritating aerosol produced by la mer generator, main end point: larynx morphometry

1980 sister chromatid exchange in bone marrow of smoke-exposed hamsters

lung perfusion technique for analysis of enzyme induction in smoke-exposed rats

(a) in connection with inhalation studies:
cigarette smoke: nicotine diffusion and adsorption on surfaces of different ph

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3 studies with pure substances

year	type of study
	pharmacological studies with nicotine and nicotine derivatives
1979 to 1981	screening of new synthetic compounds continued. improvement of the test models
1981	beginning with storage of pharmacological literature in ftr's computer in neuchatel.
	development of immunological microassays
1980 and 1981	elisa for nicotine and cotinine

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4 salmonella mutagenicity assays

year	type of study
1979 to 1981	establishment and opening of 'ames' laboratory (1979). routine testing of condensates and flavors

best regards,
ulrich

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