

Subject: NICEATM requests information on methods for inhalation testing
Date: Friday, July 18, 2014 5:30:15 AM Eastern Daylight Time
From: [REDACTED]
To: NIEHS NICEATM
CC: [REDACTED]

Dear Sir or Madam,

Fraunhofer ITEM is very experienced in the development of alternatives to animal testing for acute inhalation toxicity. Hereby we submit available information on two techniques/models we frequently use for identifying potential inhalation hazards. Please feel free to contact me for any questions or comments concerning our submission.

Sincerely yours,
Katherina Sewald

Information about PRIT *in vitro* model

Information about PCLS *ex vivo* model

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NICEATM REQUESTS INFORMATION ON TECHNOLOGIES USED FOR INHALATION TESTING

NICEATM requests available data and information on devices and/or technologies currently used for identifying potential inhalation hazards. Submitted information will be used to assess the state of the science and determine the technical needs for a dynamic nonanimal system to assess the potential toxicity of inhaled chemicals or nanomaterials.

Information submitted could describe activities relevant to the development or validation of alternatives to *in vivo* inhalation toxicity tests currently required by regulatory agencies, or submission of data from nonanimal tests for identifying acute inhalation hazard potential. If available, corresponding *in vivo* data for substances tested in nonanimal assays are also requested, including data from any ethical human or animal studies or accidental human exposures.

Submit data, information, and comments to niceatm@niehs.nih.gov by July 18, 2014. Responses should include submitter's name, affiliation or sponsoring organization, and contact information (mailing address, telephone, email). Responses will be posted at <http://ntp.niehs.nih.gov/go/41624>, and submitters will be identified by name and affiliation or sponsoring organization. More information on this data request is available on <http://ntp.niehs.nih.gov/go/41624>.