### Accepted Manuscript

Development and utilization of a unique in vitro antigen presentation co-culture model for detection of immunomodulating substances Toxicology
in Vitro

With Mark and of the Control o

D.M. Lehmann, W.C. Williams

PII: S0887-2333(18)30153-X doi:10.1016/j.tiv.2018.06.025

Reference: TIV 4320

To appear in: Toxicology in Vitro

Received date: 5 May 2018 Revised date: 27 June 2018 Accepted date: 29 June 2018

Please cite this article as: D.M. Lehmann, W.C. Williams, Development and utilization of a unique in vitro antigen presentation co-culture model for detection of immunomodulating substances. Tiv (2018), doi:10.1016/j.tiv.2018.06.025

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

## ACCEPTED MANUSCRIPT

Development and Utilization of a Unique *In Vitro* Antigen Presentation Co-culture Model for Detection of Immunomodulating Substances.

D.M. Lehmann<sup>1#</sup> and W.C. Williams<sup>1</sup>

(1) Cardiopulmonary and Immunotoxicology Branch, Environmental Public Health

Division, National Health, and Environmental Effects Laboratory (NHEERL), US 
Environmental Protection Agency, Research Triangle Park, NC, USA.

#Corresponding author: David M. Lehmann, PhD, U.S. Environmental Protection Agency, NHEERL, Mail Drop B105-02, EPHD Cardiopulmonary and Immunotoxicology Branch, 109 T.W. Alexander Drive, Research Triangle Park, NC 27711, USA. Phone: 919-541-0234, Email: lehmann.david@epa.gov

#### **Abbre viations**

ANOVA analysis of variance

APC antigen presenting cell

AZPR azathioprine

BAPbenzo(a)pyrene

CYA cyclosporin A

CYPH cyclophosphamide monohydrate

DEXdexamethasone

DPBS Dulbecco's phosphate-buffered saline

DMSO dimethylsulfoxide

ELISA enzyme-linked immunsorbent assay

#### Download English Version:

# https://daneshyari.com/en/article/8553672

Download Persian Version:

https://daneshyari.com/article/8553672

<u>Daneshyari.com</u>