From: Lyons, John
To: Stralka, Daniel; Wetmore, Cynthia; Barton, Dana
Subject: FW: Tox21 Phase II chemical data request
Date: Thursday, January 08, 2015 12:32:54 PM
Attachments: 4-Chlorobenzenesulfonic acid.xlsx

All

Let's meet Monday - to discuss the 1/9 meeting and the info that GS has forward to us today.

-----Original Message-----
From: Solomon, Gina@EPA [mailto:Gina.Solomon@calepa.ca.gov]
Sent: Thursday, January 08, 2015 9:48 AM
To: Lyons, John
Subject: FW: Tox21 Phase II chemical data request

Hi John,
See attached and below for the full dataset on pCBSA from the NTP. This might be of interest to your toxicologists.
Best wishes
-Gina

-----Original Message-----
From: Tice, Raymond (NIH/NIEHS) [E] [mailto:tice@niehs.nih.gov]
Sent: Wednesday, January 07, 2015 5:42 PM
To: Solomon, Gina@EPA
Subject: Re: Tox21 Phase II chemical data request

Gina,

Attached please find an excel file that contains the data on the requested compound. Col BX contains the assay names while Col BR contains the call. Among all the assays run, there were 4 assays that showed any evidence of signal activity - 3 weak actives and one active. The 3 weak actives are for:

1. Estrogen Receptor antagonism in a partial ER assay (but the response is in the wrong direction and not likely to be relevant since no activity in the other ER assay)

2. An assay to detect effects on aromatase activity.

3. An assay for DNA damage based on differential cytotoxicity between a chicken cell line deficient in DNA repair vs the corresponding isogenic wild type cell line.

The more active response is for increasing mitochondria membrane potential in HepG2 cells.

However, when the signals are processed into calls, all of these are classified as not significant.

Just an FYI, I am retiring from Federal service this Friday but will be staying on part-time at NTP as a volunteer to help my replacement - Dr. Rick Paules - keep Tox21 on track.

Best,

Ray

Raymond Tice, Ph.D.
Chief, Biomolecular Screening Branch

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From: <Solomon>, "Gina@EPA" <Gina.Solomon@calepa.ca.gov<mailto:Gina.Solomon@calepa.ca.gov>>
Date: Wednesday, January 7, 2015 6:29 PM
To: Ray Tice <tice@niehs.nih.gov<mailto:tice@niehs.nih.gov>>
Subject: Tox21 Phase II chemical data request

Hi Ray,
Happy new year, and I hope you're doing well!
A situation has come up in California regarding a chemical, p-chlorobenzene sulfonic acid (p-CBSA) [CAS RN 98-66-8].
It appears that this chemical has been tested in Tox21 Phase II, but I'm having trouble locating the results. I have heard 3rd hand that the screens were all 'negative'.
Do you have any additional information that you could send me? I'm interested in any info we can get on this chemical, since there are very few standard toxicology assays.
Thanks for your help with this!
Best wishes
-Gina

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