

Message

From: SALTMIRAS, DAVID A [Redacted]
Sent: 9/16/2009 7:43:22 PM
To: HEALY, CHARLES E [Redacted] FARMER, DONNA R
[Redacted] HEYDENS, WILLIAM F [Redacted]
[Redacted] LEVINE, STEVEN L [Redacted]
Subject: RE: Manuscript CBTO775 for review
Attachments: CBTO775 - DAS comments.pdf

Here are some quick comments. Please add further comments on this submission for publication.

Thanks,

David Saltmiras, Ph.D., D.A.B.T.
Toxicology Manager
Regulatory Product Safety Center
Monsanto
ph [Redacted]

From: HEALY, CHARLES E [Redacted]
Sent: Wednesday, September 16, 2009 7:32 AM
To: SALTMIRAS, DAVID A [Redacted] FARMER, DONNA R [Redacted] HEYDENS, WILLIAM F [Redacted]
KRONENBERG, JOEL M [Redacted]
Subject: FW: Manuscript CBTO775 for review

Dear All:

Attached is a copy of the glyphosate article we have traded e-mails about recently that I have been asked to review. David, if you would, please coordinate the comments on this paper and I will send them in under my name as that is how the journal has set it up. I will be out of the office the last three days of next week with some surgery but will be back the following Monday (the 28th). We were asked to reply within 14 days, which would be about then, so if we can shoot for the 28th, that would be great.

For the future and assuming we have more of these opportunities, we need to see if/how we can get the journals to funnel these review requests to David instead of me for anything glyphosate related.

Thanks,

Chuck

From: Redacted Redacted
Sent: Tuesday, September 15, 2009 11:16 PM
To: HEALY, CHARLES E Redacted
Subject: RE: Manuscript CBTO775 for review

Dear Prof. Healy,

Thank you for your message.

Please see attached copy of CBTO775 for your reference. I have also updated your login details in the system.

username: Redacted

password: Redacted

Should you need further assistance, kindly let me know.

All the best,

Redacted

Redacted

Redacted

fax **Redacted**

Redacted

<http://www.springer.com>

From: HEALY, CHARLES E **Redacted** [mailto:charles.e.healy@**Redacted**]

Sent: Tue 9/15/2009 08:52 PM

To: **Redacted**

Subject: RE: Manuscript CBTO775 for review

I am trying to access manuscript CBTO775 to review it but seem to be blocked out - please advise.

Thanks,

Chuck

Charles E. Healy, Ph.D., DABT

Manager, Toxicology Programs

Monsanto Company

800 N. Lindbergh Blvd. **Redacted**

St. Louis, MO 63167

phone: **Redacted**

fax: **Redacted**

e-mail: charles.e.healy@**Redacted**

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

From: **Redacted** On

Behalf Of Cell Biology and Toxicology

Sent: Monday, September 14, 2009 4:38 AM

To: HEALY, CHARLES E **Redacted**

Subject: Manuscript CBTO775 for review

Dear Dr Charles Healy,

In view of your expertise I would be very grateful if you could review the following manuscript which has been submitted to Cell Biology and Toxicology.

Manuscript Number: CBTO775

Title: Morphological damage of in vitro glyphosate-treated keratinocytes revealed by a combined microscopic investigation

Abstract: Among the molecules to which the human skin is exposed, glyphosate is used as a pesticide. Glyphosate has been shown to induce in vitro cutaneous cytotoxic effects, concomittent with oxidative disorders. In this following study, we focused on dynamic events of the loss of HaCaT cell integrity appearing after glyphosate treatment. In this aim, we optimized

the conditions of cell treatment playing on exposure time (from 24h to 30min), which directly modify the cell viability profile (glyphosate IC50 from 28 mM to 53 mM), and allow to track cells along the treatment as an "induction and visualization" process. Combination of atomic force and fluorescence microscopic approaches offered opportunities to lead in parallel an investigation of cell membrane surface disorders and determination of intracellular incidences location by cytoskeleton and nuclear targeting. The originality of our approach relies on monitoring all events derived from oxidative stress in process and performed by simultaneous cytotoxic induction and nanoscale cell visualization. We revealed a transition from spread and globular to elongated cell morphology, with a three-fold cell size reduction, after a dose- and time-dependent glyphosate treatment ; a redistribution of cell surface protrusions and a release of cytosolic content were also pointed out. All these membrane damages, added to disorganized cytoskeleton and condensed chromatin observation, lead us to conclude that glyphosate acts in induction of apoptotic process.

In case you are interested in reviewing this submission please click on this link:

<http://cbto.edmgr.com/l.asp?i=11174&l=3VYO4ZNR>

If you do not have time to do this, or do not feel qualified, please click on this link:

<http://cbto.edmgr.com/l.asp?i=11173&l=1AC6ROFC>

We hope you are willing to review the manuscript. If so, would you be so kind as to return your review to us within 14 days of agreeing to review? Thank you.

You are requested to submit your review online by using the Editorial Manager system which can be found at:

<http://cbto.edmgr.com/>. Your username is: **Redacted** and your password is: **Redacted**

IN ORDER TO KEEP DELAYS TO A MINIMUM, PLEASE ACCEPT OR DECLINE THIS ASSIGNMENT ONLINE AS SOON AS POSSIBLE!

You are requested to review the manuscript on a scale of 1 to 100. Please note that 100 is the best score.

If you have any questions, please do not hesitate to contact us. We appreciate your assistance.

With kind regards,
Editor in Chief
Cell Biology and Toxicology

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