



INTERNET

Edvaldo Almeida &lt;eralmeida@oi.com.br&gt;

**Data:** 27/06/2008 12:09:24

**De:** phytotherapy.research@wiley.co.uk

**Para:** ealmeida@ufpe.br

**Cc:** phytotherapy.research@wiley.co.uk

**Assunto:** \*\*\* Provável SPAM \*\*\* PTR-08-0478 - Phytotherapy Research

27 June 2008

Dear Dr Almeida

Manuscript # PTR-08-0478 entitled "Effect of aqueous extracts of black and green tea in arsenic induced toxicity in rabbits" has been submitted to Phytotherapy Research.

As an acknowledged expert in this field I am inviting you to review this manuscript. The abstract appears at the end of this letter, along with the names of the authors. Please let me know within 5 days if you will be able to review this paper. I would ask that you complete your review within 3 weeks.

If you are unable to review this paper, would you take a moment to please recommend one or two other possible referees with expertise in this area.

Please respond either by return email or using the links below.

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Kind regards,

Rachael

Rachael Bilginer  
Managing Editor  
Phytotherapy Research

#### MANUSCRIPT DETAILS

**TITLE:**  
Effect of aqueous extracts of black and green tea in arsenic induced toxicity in rabbits

**AUTHORS:**  
Sarker, Satyajit; Raihan, S. Zahir; Chowdhury, AK Azad; Rabbani, Golam; Marni, Farzana; Ali, Shawkat

**ABSTRACT:**  
Arsenic causes oxidative stress in the body. Its administration (3 mg/kg/day) for 14 days in rabbits resulted in a significant reduction of whole blood glutathione (GSH), and elevation of thiobarbituric acid reactive substances (TBARS) and the index of nitrite/nitrate (NOx) levels. These are the markers of oxidative stress. Both black tea (BT) and green tea (GT) (*Camellia sinensis*), when administered to the arsenic-treated rabbits for 14 days, caused a significant elevation of the depleted GSH level to 53.12 and 57.47%, respectively. On the contrary, in the placebo group the level was 26.59%. The BT and GT reduced the elevated TBARS level to 43.27 and 62.28%, respectively, whereas the corresponding level in the placebo groups was 21.24%. The NOx levels were also reduced to 63.62, 67.67, and 58.94% in BT, GT and the placebo groups, respectively. When arsenic and black tea were given concurrently to another group the results were even more pronounced. The polyphenols components of black and green tea were 27.69 and 29.71% of the dry weight of the total extracts, respectively. These results indicated that arsenic induced toxicities in rabbits were significantly reversed by the black and green tea polyphenols. The greater activity of green tea than that of black tea correlates with slightly higher content of polyphenols in green tea.

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**INTERNET****Edvaldo Almeida <eralmeida@oi.com.br>****Data:** 27/06/2008 19:53:23**De:** phytotherapy.research@wiley.co.uk**Para:** ealmeida@ufpe.br**Assunto:** \*\*\* Provável SPAM \*\*\* Manuscript ID PTR-08-0478 now in your Reviewer Center - Phytotherapy Research

27-Jun-2008

Dear Dr Almeida,

Thank you for agreeing to review Manuscript ID PTR-08-0478 entitled "Effect of aqueous extracts of black and green tea in arsenic induced toxicity in rabbits" for Phytotherapy Research. I ask that you please try your best to complete your review within the next 3 weeks.

In your review, please discuss the originality, accuracy and completeness of the work. I also invite your suggestions for condensing or amplifying the text. On the review page, there is a space for "Comments to Editor" and a space for "Comments to the Author". Please be sure to put your comments to the author in the appropriate space.

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All communications regarding this manuscript are privileged. Any conflict of interest, suspicion of duplicate publication, fabrication of data or plagiarism must immediately be reported to me.

Thank you for evaluating this manuscript.

Sincerely,

Mrs Rachael Bilginer  
Managing Editor  
Phytotherapy Research  
[phytotherapy.research@wiley.co.uk](mailto:phytotherapy.research@wiley.co.uk)



**INTERNET**

**Edvaldo Almeida <eralmeida@oi.com.br>**

**Data:** 07/07/2008 12:29:10  
**De:** RACHAEL BILGINER <rachael.bilginer@btinternet.com>  
**Para:** Edvaldo Almeida <eralmeida@oi.com.br>  
**Assunto:** Re: Manuscript ID PTR-08-0478

Dear Dr Almeida,

Thank you for your review, which has been successfully uploaded onto MC.

Your time and expertise are very much appreciated.

Kind regards,

Rachael

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

**From:** Edvaldo Almeida <eralmeida@oi.com.br>  
**To:** phytotherapy.research@wiley.co.uk  
**Sent:** Sunday, 6 July, 2008 5:48:49 PM  
**Subject:** Manuscript ID PTR-08-0478

> Mensagem Original:  
> Data: 19:53:23 27/06/2008  
> De: phytotherapy.research <phytotherapy.research@wiley.co.uk>  
> Assunto: \*\*\* Provável SPAM \*\*\* Manuscript ID PTR-08-0478 now in your  
> Reviewer Center - Phytotherapy Research

> 27-Jun-2008  
>  
> Dear Dr Almeida,  
>

I'd like to know whether the completion of the review is correct  
PTR-08-0478 entitled "Effect of aqueous extracts of black and green tea  
in arsenic induced  
toxicity in rabbits"

Prof. Edvaldo Almeida Ph.D

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> Thank you for evaluating this manuscript.  
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> Sincerely,  
>  
> Mrs Rachael Bilginer

> Managing Editor  
> Phytotherapy Research  
> phytotherapy.research@wiley.co.uk  
>  
>

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Edvaldo Almeida <eralmeida@oi.com.br>

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27-Jun-2008

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Thank you for evaluating this manuscript.

Sincerely,

Mrs Rachael Bilginer  
Managing Editor  
Phytotherapy Research  
phytotherapy.research@wiley.co.uk

**Data:** 06/07/2008 13:35:50

**De:** phytotherapy.research@wiley.co.uk

**Para:** ealmeida@ufpe.br

**Assunto:** PTR-08-0478 - Phytotherapy Research

06-Jul-2008

Dear Dr Almeida

Manuscript # PTR-08-0478 entitled "Effect of aqueous extracts of black and green tea in arsenic induced toxicity in rabbits"

I am writing to let you know that your comments on the above-mentioned manuscript have arrived safely at the Editorial Office and will be passed on to the authors for their consideration.

Thank you for your time and expertise in reviewing this article for Phytotherapy Research. Your support of the journal is very much appreciated.

Yours sincerely,

Mrs Rachael Bilginer  
Managing Editor  
Phytotherapy Research