

# Re: Detoxification Enzymes

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- *From:* "MMu" <brilhasti@xxxxxxx>
  - *Date:* Mon, 28 Nov 2005 12:11:52 +0100
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"mrwht" <mattrobwht@xxxxxxx> schrieb im Newsbeitrag  
[news:mailman.368.1132940952.29584.toxicol@xxxxxxxxxxxxxxxx](mailto:news:mailman.368.1132940952.29584.toxicol@xxxxxxxxxxxxxxxx)  
>I have studied in my textbook about drugs being broken down eventually  
> by detoxification enzymes in the liver. What are these enzymes?

Different kinds of P450 enzymes for instance. Depending heavily on the drug of course.

>Can we  
> enhance the function of these enzymes?

You can enhance the function of any enzyme in the body;  
the question is: is it a good choice to do so/ where is it involved/ and is it necessary/ etc..?

>So long-term drug use adds  
> stress to the liver?

That depends on the drug.  
An enzyme doing its work is not "stress" for the liver per se; but the metabolites that are produced can be –and in the case of phase I detox /P450 reactions often are.

>  
> Matthias Robin Wang Heng Teck  
> Undergraduate Student  
> Bachelor of Science in Human Nutrition  
> Kansas State University  
>

Actually one could assume that, as a bachelor of science, you should be able to find basic scientific information on your own.

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Re: Detoxification Enzymes

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