Subject: Androgenmatabolismus und HA: 5ar vs Aromatase
Posted by Yes No on Wed, 27 May 2009 12:03:10 GMT
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Androgen metabolism and hair loss

As already discussed, it is the altered metabolism of androgen in a genetically pre-disposed male and female which plays a major role in female and male pattern hair loss. Two steroid-metabolizing enzymes (5a-reductase and aromatase), and androgen receptor proteins (ARPs) are the major metabolites of androgen metabolism.

Women have 3 to 3.5 times less 5?-reductase (types I and II) in their hair follicles as compared to men but the levels of enzyme aromatase in their bodies is significantly higher than those in males.

The aromatase enzyme is also part of normal androgen metabolism and has a protective effect on hair follicles. It brings about the conversion of androgen to estradiol and estrone, and therefore, there is less conversion of testosterone to DHT. It is also interesting to note that aromatase level in frontal hair follicles is 50% that of occipital hair follicles. This is the reason why women with androgenetic alopecia usually retain their frontal hairline and also explains the reason for difference in pattern of balding in men and women.

Subject: Re: Androgenmatabolismus und HA: 5ar vs Aromatase
Posted by Yes No on Wed, 27 May 2009 12:21:00 GMT
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Nach dem Text könnte man jetzt schließen dass eine geringe Aromataseaktivität im Frontalbereich/GHE der Grund dafür ist dass das Haar dort zuerst 'flötengeht'.

Subject: Re: Androgenmatabolismus und HA: 5ar vs Aromatase
Posted by pilos on Wed, 27 May 2009 12:23:17 GMT
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Villain schrieb am Mit, 27 Mai 2009 14:03Androgen metabolism and hair loss

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glaube mir..das ist völliger schwachsinn...hier gibt es einige die mit harte aromatasehemmer seit fast 12 monate experimentieren...keiner hat dadurch mehr HA bekommen

und selbst täglich 25 mg 1-methyl-DHT wird auch keinen haar mehr krümmen...im gegenteil...selbst getestet...

Subject: Re: Androgenmatabolismus und HA: 5ar vs Aromatase
Posted by Cynic on Wed, 27 May 2009 12:24:24 GMT
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Und jetzt zur Wirklichkeit:
Warum neigt der alternde Mann dann eher zu HA, obwohl mit dem Alter immer mehr Aromatase und weniger 5aR exprimiert wird?
Müsste laut dieser These von oben aber anders sein.

http://en.wikipedia.org/wiki/Methandrostenolone > dieses Zeug pusht dein Estrogen, du glaubst es nicht. Es konvertiert nicht mal zu DHT, und trotzdem fallen den Usern die Haare nur so aus?

Subject: Re: Androgenmatabolismus und HA: 5ar vs Aromatase
Posted by pilos on Wed, 27 May 2009 12:29:15 GMT
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Cynic schrieb am Mit, 27 Mai 2009 14:24

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genau methandrostenolone wird zum harten 17-alpha-methyl-estradiol umgewandelt.....ein langzeitestrogen das selbst die leber sehr schwer abbauen kann...

Subject: Re: Androgenmatabolismus und HA: 5ar vs Aromatase
Posted by Yes No on Wed, 27 May 2009 12:33:14 GMT
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Cynic schrieb am Mit, 27 Mai 2009 14:24Es konvertiert nicht mal zu DHT, und trotzdem fallen den Usern die Haare nur so aus?"Methandrostenolone does not react strongly with the androgen receptor but still exerts its effects through the androgen receptor in vivo."

Und warum verlieren alternde Männer trotz vermeintlich erhöhter Aromataseaktivität ihr Haar? Weil sie altern und wahrscheinlich ist der Effekt lokal zu gering.