Subject: Eine interessante Entdeckung
Posted by Yes No on Thu, 17 Feb 2011 09:00:40 GMT
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Oder auch eine Bestätigung dessen, was Unsereins möglicherweise schon immer Vermutet hat.

[in einem anderen Forum gefunden]
Zitat:
Researchers Accidently Reverse Baldness, Alopecia in Mice
Treatment Restored Hair in Mice, but is Far From Ready for Human Hair Loss
By KATIE MOISSE, ABC News Medical Unit
Feb. 16, 2011--

Good news for bald mice: A five-day treatment can restore a silky black coat of fur. But it will be a while before the hair-raising drug -- accidently discovered by University of California, Los Angeles scientists studying gut function -- is ready to be tested in humans.
Although baldness and graying have long been linked to stress, digestive disease researcher Dr. Mulugeta Million had no idea that inhibiting key receptors in a stress response pathway would have such a dramatic effect on hair.
"This was totally unexpected," said Million, a veterinarian and co-director of the UCLA/CURE Digestive Diseases Research Center. "We do not work on hair; we did not set out to study hair growth."
Million and colleagues were studying gut function in mice that happened to have alopecia -- hair loss -- because of an increase in corticotropin-releasing factor (CRF), a compound that seems to play a role in how the body responds to stress. When they injected an antagonist -- a compound that blocks CRF -- once daily for five days, the mice re-grew hair. It was an effect that held up for four months.
"We weren't prepared to see anything like that," Million said.
The antagonist beat out the commercial treatment for alopecia, Rogaine, which caused "moderate" hair re-growth, Million and colleagues reported in the Feb. 17 edition of the online journal PLoS One.
The authors suggest that temporarily blocking CRF receptors could be "a breakthrough therapy for alopecia," and might also hold potential for male pattern baldness and hair loss due to chemotherapy.
"What we can reasonably say is that the antagonist initiates the hair cycle," Million said. "In bald individuals, and in these mice, the hair follicles are in a resting stage. The antagonist awakes them. It turns on the cycle, and the growing phase starts."
The treatment not only reversed hair loss, it also prevented it if started ahead of time. It also restored pigmentation in the skin -- an effect Million said might prevent graying too.

Fountain of Youth for Balding, Graying Humans? Not Yet
Million now plans to tease out how the drug works, and hopes to find a way to send it specifically to hair follicles to reduce the potential for side effects.

"Stress is a very general response, and whether this antagonist could act in other parts of body where stress is also observed is unclear," he said. "The hope is -- and it is possible -- to design a

molecule that will act specifically in the skin and won't interfere with other systems."
Once that can be demonstrated, Million said he will take the accidental treatment into clinical trials.
"We're at the early stage, and obviously we need to do more work to understand how this works, where it acts and, of course, if it has side effects," he said. "But we're excited because the effects are very dramatic, very quick, and last for so long."

In diesem Zusammenhang auch interessant:
Zitat:
J Dermatol Sci. 2010 Nov;60(2):67-73. Epub 2010 Sep 29.
Hair follicle is a target of stress hormone and autoimmune reactions.
Ito T.

Department of Dermatology, Hamamatsu University School of Medicine, 1-20-1 Handayama, Higashi-ku, Hamamatsu 431-1192, Japan. itoutai@hama-med.ac.jp

Interest in the hair follicle (HF) has recently increased, yet the detailed mechanisms of HF function and immune privilege (IP) have not yet been elucidated. This review discusses the critical points of immunobiology and hormonal aspects of HFs. The HF is a unique mini-organ because it has its own immune system and hormonal milieu. In addition, the HF immune and hormonal systems may greatly affect skin immunobiology. Therefore, knowledge of HF immunobiology and hormonal aspects will lead to a better understanding of skin biology. The HF has a unique hair cycle (anagen, catagen and telogen) and contains stem cells in the bulge area. The HF is closely related to sebaceous glands and the nervous system. This article reviews the interaction between the endocrine/immune system and HFs, including the pathogenesis of alopecia areata associated with stress.

Subject: Aw: Eine interessante Entdeckung
Posted by Christian24 on Wed, 02 Mar 2011 17:52:21 GMT
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http://www.aerztezeitung.de/medizin/article/641798/forscher-entwickeln-durch-zufall-wirkstoff-haarausfall.html

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Subject: Aw: Eine interessante Entdeckung
Posted by jpo03 on Wed, 02 Mar 2011 18:29:14 GMT
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bei mäusen lässt doch alles wieder haare sprießen

Subject: Extrem interessantes zu Astressin B
Posted by yoshi84 on Sat, 18 Jun 2011 14:15:47 GMT

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Hier nochmal was neues...

http://www.hairloss-research.com/astressin-b-trial-status/

Subject: Aw: Extrem interessantes zu Astressin B
Posted by yoshi84 on Thu, 21 Jul 2011 13:33:18 GMT
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Wer noch ein wenig was zu Astressin B lesen möchte:

http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0016377#s2

Subject: Aw: Extrem interessantes zu Astressin B
Posted by *Gelöscht - 07/2015* on Thu, 21 Jul 2011 14:16:32 GMT
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tests an makkaken "or it didnt happen" ^^

Subject: Aw: Extrem interessantes zu Astressin B
Posted by yoshi84 on Thu, 21 Jul 2011 14:26:58 GMT
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haarfreund schrieb am Thu, 21 July 2011 16:16tests an makkaken "or it didnt happen" ^^

Bitte?

Subject: Aw: Extrem interessantes zu Astressin B
Posted by *Gelöscht - 07/2015* on Thu, 21 Jul 2011 14:58:30 GMT
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..die sollen an makkaken/meerkatzenäffchen testen,wie immer,bevor human trials anlaufen-
die mäuse-testerei ist ohne echten wert,zuviel hat sich später als pleite herausgestellt

Subject: Aw: Extrem interessantes zu Astressin B
Posted by yoshi84 on Thu, 21 Jul 2011 15:01:45 GMT
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haarfreund schrieb am Thu, 21 July 2011 16:58..die sollen an makkaken/meerkatzenäffchen

testen,wie immer,bevor human trials anlaufen-
die mäuse-testerei ist ohne echten wert,zuviel hat sich später als pleite herausgestellt

Die Leute sind doch dabei . Ruhig Blut

Sie sind sehr zuversichtlich, da Minoxidil bei den Mäusen ebenso wie bei Menschen nicht immer zu guten Ergebnissen führt...

Sie vermuten das Astressin tatsächlich klappen könnte.

Mal schauen.

Subject: Aw: Extrem interessantes zu Astressin B
Posted by *Gelöscht - 07/2015* on Thu, 21 Jul 2011 15:13:25 GMT
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jo,aber von dem was ich mitbekommen hab sind mäusetsts (leider) ohne echten aussagewert für den menschen(schwarzer tee hemmt bei den nagern noch mehr DHT als finasterid,beim menschen leider nicht..etc pp)
aber wolln wir mal hoffen-irgendwann pickt auch ein blinder forscher mal ein korn..

Subject: Aw: Extrem interessantes zu Astressin B
Posted by yoshi84 on Thu, 21 Jul 2011 15:16:14 GMT
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haarfreund schrieb am Thu, 21 July 2011 17:13jo,aber von dem was ich mitbekommen hab sind mäusetsts (leider) ohne echten aussagewert für den menschen(schwarzer tee hemmt bei den nagern noch mehr DHT als finasterid,beim menschen leider nicht..etc pp)
aber wolln wir mal hoffen-irgendwann pickt auch ein blinder forscher mal ein korn..

Ja richtig. Es wird sowieso was zufälliges sein. Wo am Ende viele sagen werden. "Man man da hätte man aber auch früher drauf kommen können..."

Denke ich so.

Subject: Aw: Extrem interessantes zu Astressin B
Posted by *Gelöscht - 07/2015* on Thu, 21 Jul 2011 15:24:06 GMT
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jo...wie alle grossen entdeckungen der medizin-siehe penicilin..^^
