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Subject: Für die Zwiebel-Fraktion...

Posted by [Gerhard](#) on Sat, 11 Jun 2022 16:27:22 GMT

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"Interestingly, the gene expressions of SRD5A2 (Steroid 5 alpha-reductase 2) were down regulated by shallot extract and comparable to standard drugs (Finasteride and Dutasteride), leading to the reduction in androgenic effects on androgen-sensitive hair follicles. On the other hand, shallot extract enhanced the expressions of CTNNB1, SHH, SMO GIL1 and VEGF, providing hair growth promotion effects via the maintenance of the anagen phase and the improvement of blood flow in hair follicles. In summary, shallot extract could promote hairgrowth by anti-inflammation and regulations of genes in androgen, sonic hedgehog, Wnt/ $\beta$ -catenin and angiogenesis signaling pathways."

<https://www.mdpi.com/2223-7747/11/11/1499/htm>

Damit keine Missverständnisse entstehen...es geht hier um Schalotten (*Allium ascalonicum*).

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