



# Follicusan™ DP

Prevents accelerated hair loss

## Follicusan™ DP

in vivo	ex vivo	in vitro
<input checked="" type="checkbox"/> hair	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Follicusan™ DP stimulates the functionality of the dermal papilla cells at the base of the hair follicles, thus counteracting premature hair loss. It increases the number of anagen hair follicles (growth stage) and decreases that of telogen hair follicles (resting stage). Hair density as well as cumulative hair thickness is increased.

**Dosage:** 3.0–5.0%

**pH range:** >5.8

**INCI Name:** Water, Alcohol Denat., Panthenyl Ethyl Ether, Milk Protein, Lactose, Inositol, Acetyl Cysteine, Acetyl Methionine, Sodium Citrate, Citric Acid

### Hair and scalp benefits

- Vitalizes scalp and hair follicles, stimulates dermal papilla cells
- Improves hair density and thickness
- Reactivates the hair growth cycle
- Effectively counteracts premature accelerated hair loss

### Marketing opportunities\*

- Provides new vitality and energy to thinning hair
- Revitalizes the scalp, designed to counteract hair loss
- Stimulates and revitalizes the hair roots
- Improves health and structure of hair
- Fights hair follicle aging at its root

\*This list is for illustrative purposes only. Make sure to comply with relevant legislation.

### Applications

- Anti-hair loss



# Folicusan™ DP – Selected efficacy studies

## Stimulation of proliferation

Dermal papilla cells are the most important cell type found in the hair root. A strong stimulatory influence of Folicusan™ DP on dermal papilla cells was observed. This feature is essential for the development of new hair in order to increase the number of anagen hair and effectively fight hair loss (Fig. 1).

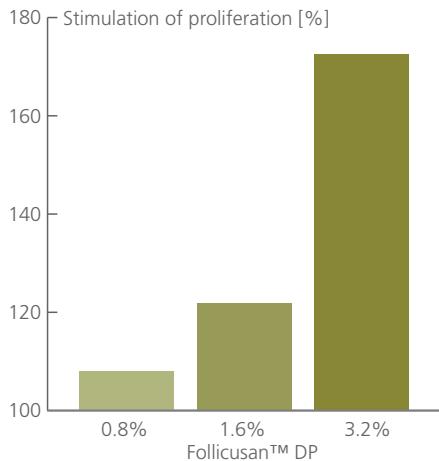


Fig. 1: Stimulation of proliferation

## Impact on hair density

Density is the number of hairs per cm<sup>2</sup> on the scalp. The 24 volunteers, suffering from *alopecia androgenetica*, showed a reduced hair density of only ~180/cm<sup>2</sup>. With the daily use of Folicusan™ DP a positive trend could be noticed after only 3 months, indicating that Folicusan™ DP was able to re-activate the hair growth cycle (Fig. 3).

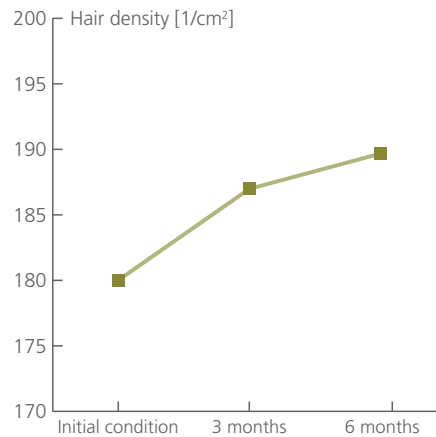


Fig. 3: Influence on hair density

## Influence on ATP content

Folicusan™ DP significantly increases the ATP content in dermal papilla cells (Fig. 2).

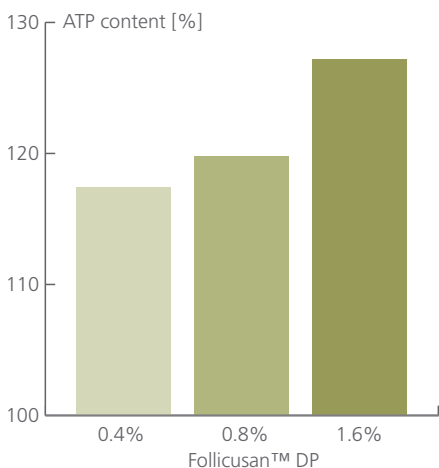


Fig. 2: Effect on the ATP content

## Influence on the anagen hair rate

Daily use of Folicusan™ DP halted the progression of *alopecia androgenetica* after only 3 months and increased the number of hair follicles in the anagen growth phase over the subsequent 3 months (Fig. 4).

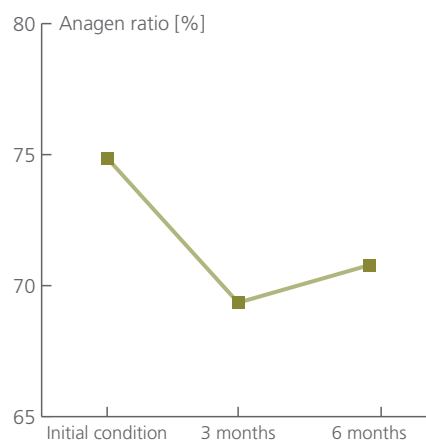


Fig. 4: Effect on anagen hair rate

Standard percentage of hair in the anagen phase ~ 85%

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