

## Press release

—  
Holzminden, Germany, April 13, 2021

---

# New data underlines efficacy of Symrise SymReboot™ L19 as a processed-probiotic scalp solution in shampoo

- Visibly reduces scalp dryness and dry dandruff flakes after only 2 weeks
- Soothes scalp redness and itching and promotes a healthy scalp microbiome
- Combines innovation from two key areas: probiotics and sensitive skin
- Opens up new horizons for cosmetics manufacturers using probiotic ingredients

---

**Symrise announces positive new research into their SymReboot™ L19 ingredient as an effective solution for sensitive and dry scalp conditions. Manufacturers of hair care can use it in a wide range of products including shampoos, conditioners, hair masks, hair lotions and pre-shampoos.**

When the scalp barrier weakens, dry dandruff can occur as levels of sebum and lipids get impaired and water loss increases. Symptoms include a dehydrated scalp with itching and redness, and small flakes that fall onto shoulders. The resulting dandruff scalp microbiome characteristically shows a higher amount of Staphylococcus and a reduced amount of Cutibacterium compared to normal scalp.

### Alleviating the causes and symptoms of dry dandruff

SymReboot™ L19 improves dry scalp condition and promotes a healthy scalp microbiome. After washing every second day for 14 days, users of a shampoo containing SymReboot™ L19 reported significant and visible decreases in flakes and scalp itching, along with significant improvements in scalp condition and its visual effects.

After 28 days, SymReboot™ L19 shampoo was found to support a favorable shift in the balance of the scalp microbiome by maintaining the level of Staphylococcus and increasing the level of Cutibacterium, while the opposite was found for the placebo shampoo.

Symrise has tested and substantiated these benefits in extensive testing, with latest data based on an *in vivo* study in which volunteers suffering from dry, sensitive, itchy and flaky scalp used a shampoo containing 0.5% SymReboot™ L19 or a placebo.

“The skin cells recognize the cell wall or metabolites of the mildly heat-treated microorganisms, thus activating the scalp’s natural defense mechanisms and thereby soothing the scalp and fortifying its barrier. This makes SymReboot™ L19 the solution to support dry, flaky scalp recovery”, says Léa Schmidt, Global Product Manager Actives at Symrise.

Symrise researchers have succeeded in maintaining the bacterial structure throughout the manufacturing process and thus preserving important probiotic benefits. It takes full effect also in cosmetic products that contain ingredients to protect the product.

“SymReboot™ L19 has wide-ranging implications. Its proven efficacy helps manufacturers to create products that give consumers enhanced power to combat their sensitive scalp and dry dandruff issues at a molecular level and target these issues at their source - scalp barrier function and microbiome”, explains Léa Schmidt, Global Product Manager Actives at Symrise.

## Creating total solutions

Symrise works closely with leading probiotic company Probi to optimize complementary expertise and bring innovations like SymReboot™ L19 to the market by building on two axes of research - the development of solutions for sensitive skin and the use of probiotics or probiotics-based ingredients for food, nutritional supplements and cosmetics.

“At Symrise, we combine the expertise of Probi with our competence in sensitive skin and its needs. Our processed probiotic SymReboot™ L19 strengthens the barrier function and soothes sensitive skin and scalp via original probiotic pathways,” says Dr. Margaret Kujawa-Autié, Global Category Director Actives at Symrise.

*\* SymReboot™ L19 is not listed as an active ingredient in U.S. FDA's OTC drug monograph*

### About Symrise:

*Symrise is a global supplier of fragrances, flavors, food, nutrition and cosmetic ingredients. Its clients include manufacturers of perfumes, cosmetics, food and beverages, pharmaceuticals and producers of nutritional supplements and pet food.*

*Its sales of € 3.5 billion in the 2020 fiscal year make Symrise a leading global provider. Headquartered in Holzminden, Germany, the Group is represented by more than 100 locations in Europe, Africa, the Middle East, Asia, the United States and Latin America.*

*Symrise works with its clients to develop new ideas and market-ready concepts for products that form an integral part of everyday life. Economic success and corporate responsibility are inextricably linked as part of this process. Symrise – always inspiring more*

[www.symrise.com](http://www.symrise.com)

### Media contacts:

#### Bernhard Kott

Phone: +49 55 31 90-17 21

Email: [bernhard.kott@symrise.com](mailto:bernhard.kott@symrise.com)

#### Christina Witter

Phone: +49 55 31 90-21 82

Email: [christina.witter@symrise.com](mailto:christina.witter@symrise.com)

### Social media:

[twitter.com/symriseag](https://twitter.com/symriseag)

[youtube.com/agsymrise](https://youtube.com/agsymrise)

[instagram.com/symriseag](https://instagram.com/symriseag)

[instagram.com/symrise.ci](https://instagram.com/symrise.ci)

[linkedin.com/company/Symrise](https://linkedin.com/company/Symrise)

[xing.com/companies/symrise](https://xing.com/companies/symrise)

[instagram.com/finefragrancestories\\_bySymrise](https://instagram.com/finefragrancestories_bySymrise)

Blog: <https://alwaysinspiringmore.com>