probiotics
BY SACCO SYSTEM

We are Probiotic Makers

Since **1948**, we are committed to improving **health and quality of life** through **science-centred probiotic solutions**.

Company

A rich history dedicated to human nutrition since 1948

Centro Sperimentale del Latte was the first company in Italy to study **Lactic Acid Bacteria (LAB)** for human health. It was founded by **Dr. Leo Vesely** in **1948** with a mission to improve maternal health and children's nutrition.

Since our beginning more than 70 years ago, we are proud to be a company that **continues to focus on probiotic research and development.**
Today, our expertise helps solving consumer needs in more than **110 countries around the world**, leveraging on our unique proprietary strains and customised blends.

Centro Sperimentale del Latte Srl
Strada per Merlino, 3
26839 Zelo Buon Persico (LO) Italy

6000+
Proprietary strains in our cell bank

26
Probiotic species manufactured to Nutritional and Pharmaceutical scale

5
Probiotic manufacturing centres with food certification and 3 of them with Pharma GMP across all Sacco System business units

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CSL
CENTRO SPERIMENTALE DEL LATTE

Quality

Our quality shines through R&D excellence

At **Centro Sperimentale del Latte**, we continue to invest in gold-standard probiotic research & development. We are committed to providing the highest quality probiotics for every need and application.
We take full control of every aspect, from strain research to stringent technical and quality controls, through to manufacturing and commercialization

Accreditation

Supporting certifications and documentation

ISO 22000 : 2005 | *EU Organic Certification | GMP - Pharma Certification | FSSC 22000 | Kosher Certification | Halal Certification | Hypoallergenic | GMO Free | EFSA Qualified Presumption of safe listed

* Please ask your local sales representative for more information

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CSL CENTRO SPERIMENTALE DEL LATTE

Gastrointestinal (GI) Health

Gastrointestinal (GI) health is central to our overall health and well-being. The role of the GI tract, or gut extends beyond the essential function of **breaking down nutrients from food to nourish our body, it also plays a critical role in protecting it against diseases**.

If GI health is compromised, this may weaken our immune defense and to a greater extent, may even impact our mental health and well-being (via the gut-brain axis).

Healthy **GI function** relies upon a complex ecosystem of bacteria, also know as the gut microbiota. The gut microbiota consists of more than **500 species of bacterial cells** that make up more than 95% of the total cells in human body.

The delicate balance of gut microbiota can be altered through the natural aging process. In addition, the imbalance of the microbiota may also be attributed to a number of factors, including **diet, stress, diseases** and **medications -** particularly **antibiotics**. Disturbances of microbiota balance may cause occasional **digestive upset**, such as increased **discomfort of gas and bloating after a large meal, distress of transient constipation or diarrhea**. In certain cases, the symptoms are prolonged as is the case of **irritable bowel syndrome (IBS) and inflammatory bowel disease (IBD)**.

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Gastrointestinal (GI) Health

Normalize bowel function and restore microbiota balance

Adults | 1 Bn Daily

Mix SYNBIO®

- A blend of ***Lactobacillus rhamnosus*** **IMC 501®** and ***Lactobacillus paracasei*** **IMC 502®** (1:1)
- Lactobacillus strains isolated from the human faeces of healthy elderly Italians
- The effects of **Mix SYNBIO®** on bowel habits were successfully researched in a large healthy population (898 subjects)

Clinical evidence suggests that **Mix SYNBIO®** may :

- Improve intestinal microbiota balance
- Stimulate the growth and activity of bifidobacteria and lactobacilli in the gut
- Promote natural intestinal regularity and increases faecal volume
- Improve bowel habits of healthy adults

M.C. Verdenelli et al. Eur J Nutr (2009) 48:355–363. I S. Silvi et al.Int J Food Sci Nutr, Early Online: 1–9. I M.C. Verdenelli et al. Letters in Applied Microbiology @ 2011 The Society for Applied Microbiology

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Gastrointestinal (GI) Health

Relieve Irritable Bowel Syndrome (IBS) symptoms and gut sensitivity

Adults | 20 Bn Daily

PENTABIOCEL®

A mixture of 5 strains of lactic acid bacteria and bifidobacteria:

- ***Lactobacillus plantarum* 14D**
- ***Lactobacillus paracasei* 101/37**
- ***Bifidobacterium breve* Bbr8**
- ***Bifidobacterium animalis ssp. lactis* Bi1**
- ***Bifidobacterium breve* BL10**

Clinical evidence suggests that **PENTABIOCEL®** may:

- **Improve gliadin hydrolysis**, a gluten protein mainly involved in the allergic burden in celiac patients
- Provide effective relief of **Irritable Bowel Syndrome (IBS)** in celiac patients
- **Restore the balance of gut microbiota** by increasing beneficial bacteria such as lactobacilli and bifidobacteria

Francavilla et al. J Clin Gastroenterol Volume 53, Number 3, March 2019

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CSL CENTRO SPERIMENTALE DEL LATTE

Gastrointestinal (GI) Health

Relieve Irritable Bowel Syndrome (IBS) symptoms

Adults | 20 Mn Daily

Kluveromyces Marxianus Fragilis B0399®

- A **natural probiotic yeast** that is naturally occurring in kefir and cheese
- ***Kluyveromyces Marxianus Fragilis*** **B0399®** is highly resistant to gastric acidity and remains viable upon arrival in the large intestine
- **Good adherence and colonization** in human intestinal tract
- **Helps to balance gut microbiota** and promote the growth of beneficial intestinal bacteria, particularly bifidobacteria
- **Helps to modulate immune response** and attenuates the proinflammatory effect in inflammatory disorders such as **Irritable Bowel Syndrome (IBS) and Celiac Disease**

Clinical evidence suggests that ***Kluyveromyces Marxianus Fragilis*** **B0399®** may :

- **Improve** abdominal distension
- **Reduce** abdominal pain and bloating
- **Improve** faecal consistency and bowel regularity

Roda E., Cornia G., isotti A. Minerva Gastroenterol Dietol, 57(Suppl. 1 al N.2): 1 12, 2011.l Sandro A., Camillo S., Hospital Treviso; Clinical results of treatment with the lactic yeast Kluyveromyces B0399 for Irritable Bowel Sindrome. Trial n. 132, updated 2011.l Andreoli S , Gastroenterology Dept., Hospital Santa Maria della Misericordia of Udine, Italy. Clinical trial evaluating the effect of the lactic yeast, Kluyveromyces B0399 on the patients suffering from irritable bowel syndrome. Trial n. 16, 2009

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CSL CENTRO SPERIMENTALE DEL LATTE

Gastrointestinal (GI) Health

Prevent and promote recovery of diarrhea with early probiotic intervention

Infants | Toddlers | Juniors

Bacillus coagulans SNZ 1969 (BC4)

- ***Bacillus coagulans* SNZ 1969** is US FDA GRAS approved
- A **clinically proven strain** with safety data for more than 45 years
- Stable at extreme pH levels and high temperature
- A well-documented, safe and stable spore forming bacteria that promotes gastrointestinal health

Clinical evidence suggests that ***Bacillus coagulans* SNZ 1969** may :

- **Reduce** the duration of **diarrhea**
- **Reduce** the total number of **sick days**
- Be used as an adjuvant therapy with antibiotics for various forms of diarrhea in infancy and childhood

Not Available in US Market

Lucassen PL et al. Arch Dis Child 2001;84:398-403. I Mohammad AP et al. Eur J Pediatr. 2020 Oct;179(10):1619-1626.

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Reduce baby crying and improve quality of life for the family

Infants | Pregnancy | 100 Mn Daily

Lactobacillus reuteri LR92

- **Infantile colic** is a functional gastrointestinal disease that affects up to 20% of infants
- **Excessive crying** leads to severe discomfort in the baby and anxiety in their mothers and family
- Probiotics have been suggested to improve the **pain resulting from colic**
- ***Lactobacillus reuteri*** is one of the world's most well-researched probiotics for young children
- Clinical study showed that maternal prenatal supplementation with ***L. reuteri*** **LR92** during the last 4 weeks of pregnancy can reduce the occurrence and severity of infantile colic.

Lucassen PL et al. Arch Dis Child 2001;84:398-403. I Mohammad AP et al. Eur J Pediatr. 2020 Oct;179(10):1619-1626.

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CSL CENTRO SPERIMENTALE DEL LATTE

Women's Health

Urogenital infections are one of the most common reasons women visit a gynaecologist or a urologist. **Bacterial vaginosis (BV), urinary tract infection (UTI)**, and **yeast vaginitis** are the most common urogenital infections which afflict an estimated **1 billion women each year**.

A women's **vaginal microbiome** is made up of a complex ecosystem of more than **200 bacterial species** which is influenced by genes, ethnic background, environmental and behavioural factors. Lactobacillus species constitute the major proportion of vaginal microbiome of women in all life stages. Dominant ***Lactobacillus*** species in the **vaginal microbiota** include ***L. crispatus, L. gasseri, L. iners and L. jensenii.***

Urogenital health depends largely on the state of the **vaginal microbiome**. The supplementation of probiotics can increase overall number of vaginal beneficial bacteria and reduce the colonization of pathogenic microorganisms, and hence re-establish the microbiome balance. In addition, probiotics can be used in the treatment and prevention of vaginal infections, making them an alternative remedy to antibiotics. This also assists in addressing the problem of bacterial and yeast resistance and decreases reinfection rates.

Nutr Clin Care, Jan/Feb 2002–Vol 5, No.1. I Waigankar and Patel. Journal of Mid-life Health, Jan-Jun 2011,Vol 2, Issue 1.

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Maintain and restore healthy vaginal microbiome

Adults | Pregnancy | 1 Bn Daily

Mix SYNBIO®

- A blend of ***Lactobacillus rhamnosus*** **IMC 501®** and ***Lactobacillus paracasei*** **IMC 502®** (1:1)
- Lactobacillus strains isolated from the human faeces of healthy elderly Italians
- **Mix SYNBIO®** has been shown in vitro to have strong antimicrobial activity against pathogenic Candida species as well as good colonization and adherence to vaginal surface
- **Mix SYNBIO®** administered in vaginal suppositories is safe and effective way of restoring and maintaining a normal and healthy vaginal microbiome

M. C. Verdenelli et al. Curr Microbiol, Jul 2016, Volume 73, Number 1.I M.C. Verdenelli et al. Journal of Applied Microbiology ISSN 1364-5072. I M.M. Coman et al. Journal of Applied Microbiology ISSN 1364-5072

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CSL CENTRO SPERIMENTALE DEL LATTE

Maintain and restore healthy vaginal microbiome

Adults | Pregnancy | >500 Mn Daily

Lactobacillus plantarum 931

- Originally isolated from healthy female urogenital region.
- ***L. plantarum* LB931** was selected as vaginal probiotics for its ability to inhibit growth of common urogenital pathogens

Clinical evidence suggests that transferring of ***L. plantarum* LB931** to the genital tract by using panty liners may:

- Form a microflora barrier to the genital tract
- Increase the number of vaginal *lactobacilli*
- Prevent Group B Streptococci (GBS) vaginal colonization

P.D.J. Ro¨nnqvist et al. Acta Obstetricia et Gynecologica. 2006; 85: 726735. I D. Ro¨ nnqvist et al. Microbial Ecology in Health and Disease. 2005; 17: 75/82

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CSL CENTRO SPERIMENTALE DEL LATTE

Maintain and restore healthy vaginal microbiome

Adults

Bacillus coagulans SNZ 1969 (BC4)

- ***Bacillus coagulans* SNZ 1969** is US FDA GRAS approved
- A clinically proven strain with safety data for more than 45 years
- **Stable at extreme pH levels** and high temperature
- A well-documented, safe and stable spore forming bacteria that promotes urogenital health

Clinical evidence suggests that ***Bacillus coagulans* SNZ 1969** may:

- **Reduce vaginosis** symptoms such as white discharge, burning urination, itching and soreness
- **Reduce** recurrence of **vaginal infection**
- Improve the cure rate of antibiotic treatment when taken together

Muzumdar et al, Maharashtra Medical Journal, 1984, Vol. XXX, No. 3, June. I Anjaneyulu et al, The Indian Practitioner, 1981,Vol XXXIV, No. 2, 95-98 I Shirodkar et al, The Indian Practitioner,1980, Vol XXXIII, No.4, 207-210 I International Journal of Probiotics and Prebiotics Vol. 12, No. 4, pp. 175-182, 2017 I Sanholkar P. C. The Indian Practitioner, 1978, Vol XXXI, No. 3, March, 133

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CSL CENTRO SPERIMENTALE DEL LATTE

Immune Health

The **gut-immunity connection** has a significant impact on our **immune system**. About 70-80% of the body's immune cells reside in our gastrointestinal tract. Keeping a healthy gut with a diverse microbiome is key in supporting a stable and robust immune response which is ready to fight off disease.

Although probiotics are mostly known for their benefits to gut health, the overall ability of some probiotics to boost the immune system allows them to improve extraintestinal health. Use of **probiotics** known for their **immunostimulatory capacity**, have proven to be effective in reducing the incidence of upper respiratory tract infections (URTIs); both as a preventive therapy and as adjuvants for the treatment of viral infections.

International Immunopharmacology 17 (2013) 373–382. I Medicine (Baltimore). 2016 Aug;95(31): e4509.

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Prevent common childhood respiratory tract infections

Toddlers | Juniors | 100 Mn Daily

Lactobacillus rhamnosus CRL1505

- Naturally sourced and **isolated from goat's milk**
- Total of **13 publications** in pre-clinical and clinical studies
- Both live and heat-inactivated ***Lactobacillus rhamnosus* CRL 1505** have shown to exert health benefits to humans
- ***Lactobacillus rhamnosus* CRL1505** has been given to more than 200,0000 children in Argentina as part of the official National Nutritional Program.

Clinical evidence suggests that ***Lactobacillus rhamnosus* CRL1505** may :

- **Prevent** respiratory infections
- **Modulate and support** the immune system
- **Support** respiratory health
- **Prevent** cold and flu
- **Reduce** the number of sick days

BMC Immunology 2013, 14:40.I International Journal of Biotechnology for Wellness Industries, 2012, 1, 189-198.I International Journal of Food Microbiology, 2010

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Mental Health

The gut-brain axis (GBA) consists of bidirectional communication between the central and the enteric nervous system, linking emotional and cognitive centres of the brain with peripheral intestinal functions. Recent advances in research have described the importance of gut microbiota in influencing these interactions.

Insights into the gut-brain crosstalk have revealed a complex communication system that not only ensures the proper maintenance of gastrointestinal homeostasis, but is likely to have multiple effects on affect, motivation, and higher cognitive functions.
Psychobiotics are a new class of probiotics which, when ingested, confer mental health benefits through interactions with the microbiota-gut-brain axis.

M. Carabotti Annals of Gastroenterology (2015) 28, 203-209 2 K. Skonieczna-Zydecka et al. J. Clin. Med. 2018, 7, 521;

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Mental Health

Relief from stress and improve memory and cognition

Adults | 20 Bn Daily

Lactobacillus plantarum P-8

Isolated from a traditionally fermented goat milk in north Mongolia. The effects of P-8 on mental health were successfully conducted in human trials.

Clinical evidence suggests that ***Lactobacillus planatrum* P-8** may :

- Improve memory and cognitive functions
- Reduce stress and anxiety symptoms
- Reduce inflammation
- Reduce dysbiosis

Lee-Ching Lew et al, Clinical Nutrition xxx (2018) 1-12 2 Lifeng Wang et al, Nutrition, Volume 30, (2014), P776-783.e1

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Oral Health

About **700 types of microorganisms**, including **bacteria, fungi and viruses** harbour the oral cavity of the healthy people. The oral cavity has the second largest and most diverse microbiome after the gut.

The oral cavity is not only the initial site of digestion but is a major gateway to the **gastrointestinal tract**. Therefore, a healthy and balanced oral microbiome is crucial to providing the first line of defense for oral cavity and preventing systemic disease development.

The oral microbiome usually exists in the form of a biofilm on the surfaces of the hard and soft tissues of teeth and the oral mucosa. When the homeostasis of oral microbiome is disrupted, certain oral diseases may emerge. Two of the most prevalent diseases in the oral cavity are **dental caries** and **periodontitis.**

R.J. Lamont, H. Koo, G. Hajishengallis, Nat. Rev. Microbiol. 16 (12) (2018) 745–759.I Zaura E, Nicu EA, Krom BP, Keijser BJ. Front Cell Infect Microbiol. 2014;4:85. I Zhao H, Chu M, Huang Z, Yang X, Ran S, Hu B, et al. Sci Rep. 2017;7:11773. Lancet. 2017;390(10100):1211–1259.

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Natural support for fresh breath

Adults | 30 Mn Daily

Kluveromyces Marxianus Fragilis B0399®

- A probiotic yeast that is naturally occurring in kefir and cheese
- ***Kluveromyces Marxianus Fragilis*** **B0399®** is highly resistant to gastric acidity and remains viable upon arrival in the large intestine

Clinical evidence suggests that ***Kluveromyces Marxianus Fragilis*** **B0399®** may :

- Increase the concentration of good endogenous intestinal flora
- Restore microflora balance
- Improve halitosis by reducing volatile sulphur compounds.

Bad breath or **halitosis** is a common problem that can create social embarrassment and personal discomfort.

About 80% of halitosis is due to the bacteria that build up in the **oral cavity**. The malodour is due to the production of volatile sulphur compounds produced mainly by unfavourable anaerobic bacteria.

Nachnani S. Compend Contin Educ Dent. 2011;32:22–24. quiz 32, 34. I Cecchini F. et. al. Biomed J Sci & Tech Res 12(1)-2018.

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CSL CENTRO SPERIMENTALE DEL LATTE

Oral probiotics for caries prevention in early childhood

Toddlers | Juniors | 1.5 Bn Daily

L. rhamnosus SP1

L. rhamnosus LB21

- Dental caries occur as a result of an imbalance of the oral microbiome
- ***Streptococcus mutans*** has been identified as a major cariogenic bacteria for early childhood caries.
- ***Candida albicans*** is an pathogen that produces pyruvic acid and acetic acid. These acids are considered to have a significant role in the pathogenesis of caries.
- Clinical evidence shows that ***Lactobacillus rhamnosus*** exhibits antagonistic activity against cariogenic bacteria

Clinical evidence suggests that:

- Regular supplementation of ***Lactobacillus rhamnosus* SP1** may reduce caries development in preschool children
- Regular supplementation of ***Lactobacillus rhamnosus* LB21** may reduce caries development, decreased antibiotic use and decreased otitis media in preschool children

Dental caries (also known as tooth decay) is a bacterial disease that occurs on the surface of the teeth. It is the most prevalent oral diseases reported among all oral diseases. This is particularly true in children, where nearly 1.8 billion new cases of early childhood caries are reported per year globally

In the USA alone, approximately **37% of children** aged 2 to 8 years have experienced dental caries in primary teeth and 58% of adolescents aged 12 to 19 years have suffered dental caries in permanent teeth.

Dye BA, Thornton-Evans G, Li X, Iafolla TJ. 2011–2012. NCHS. Data Brief. 2015;(191):1–8. I A. Gomez et al. Cell Host Microbe 22 (3) (2017), 269–278.e3. I P.P. Hujoel et al. Gerodontology (2018). G. Rodríguez et al. Journal of Dental Research 1–6. I C. Stecksén-Blicks, Caries Res 2009; 43:374–381

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CSL CENTRO SPERIMENTALE DEL LATTE

Oral probiotics for caries prevention in early childhood

Toddlers | Juniors | 150 Mn Daily

Bacillus coagulans SNZ 1969 (BC4)

- ***Bacillus coagulans* SNZ 1969** is US FDA GRAS approved
- A clinically proven strain with safety data for more than 45 years
- Stable at extreme pH levels and high temperature
- A well-documented, safe and stable spore forming bacteria that promotes oral health

Clinical evidence suggests that ***Bacillus coagulans* SNZ 1969** may:

- Reduce the cariogenic microorganism, ***Streptococcus mutans***
- Reduce gingivitis and plaque formation

G. Jindal et al. European Archives of Paediatric Dentistry 12 (Issue 4), 2011. I Yousuf, et al. Contemporary Clinical Dentistry | Volume 8 | Issue 1 | January-March 2017

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CSL CENTRO SPERIMENTALE DEL LATTE

Skin Health

The **skin** is the largest organ in the body and and provides the first line of defense against external agents. The skin contains hundreds of microorganisms. The resident **skin microorganisms** form a physical and immunological protective barrier.

The skin microbiome is therefore an essential part of human health, and microbiota imbalance or dysbiosis is thought to cause a range of skin diseases, the most common of which is **acne vulgaris**.

Seo-Yeon P. et al. J. Clin. Med. 2020, 9, 168

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Natural solution for acne

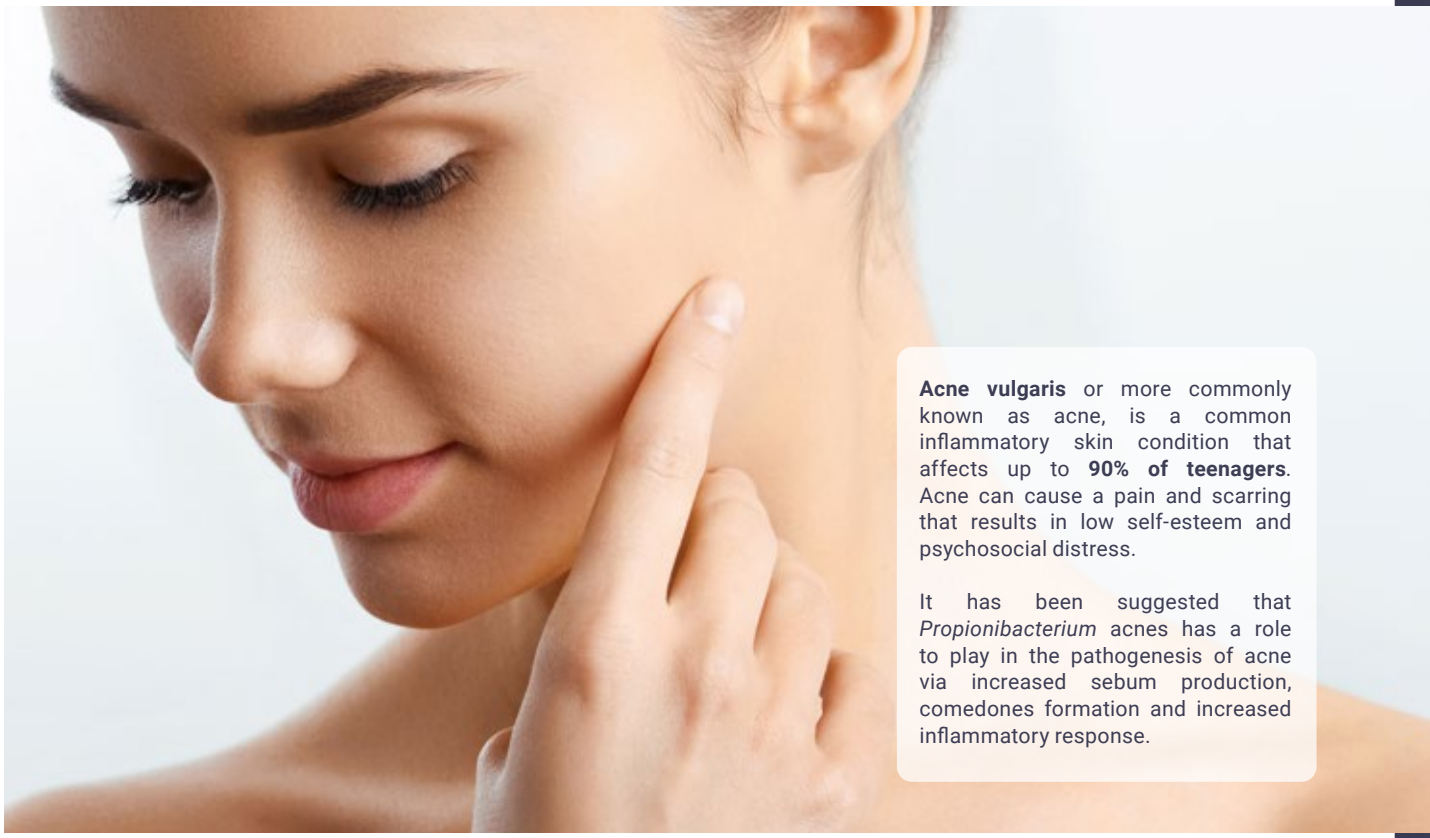
Adults | 3 Bn Daily

Lactobacillus rhamnosus SP1

- Insulin-like growth factor-1 (IGF1) and forkhead box protein O1 (FOXO1) dysregulation play an important role in the pathogenesis of acne
- IGF1 has acne promoting actions and raised serum IGF1 has been associated with an **increased risk of acne in women**
- FOXO1 deficiency is linked to acne pathogenesis

Clinical evidence suggests that ***Lactobacillus rhamnosus* SP1** may:

- Modulate the gut-skin axis and restore the intestinal healthy microbiota
- Normalize skin expression of genes involved in insulin signalling (via IGF1 and FOXO1)
- Lessen the inflammatory process related to acne
- Improve the appearance of acne



Acne vulgaris or more commonly known as acne, is a common inflammatory skin condition that affects up to **90% of teenagers**. Acne can cause a pain and scarring that results in low self-esteem and psychosocial distress.

It has been suggested that *Propionibacterium* acnes has a role to play in the pathogenesis of acne via increased sebum production, comedones formation and increased inflammatory response.

G. Fabbrocini et al. Beneficial Microbes, 2016 online | Seo-Yeon P. et al. J. Clin. Med. 2020, 9, 168

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CSL CENTRO SPERIMENTALE DEL LATTE

Eczema relief in children and infants

Infants | Children | * 100 Bn Daily | ** 10 Mn Daily

Lactobacillus rhamnosus LB21*

- Clinical evidence suggests that ***Lactobacillus rhamnosus* LB21** has positive effects on atopic dermatitis and reduces the use of corticosteroids

Kluveromyces Marxianus Fragilis B0399® **

- Clinical evidence suggests that supplementation of ***Kluveromyces Marxianus Fragilis* B0399®** normalizes the IgE level in atopic dermatitis children

Atopic Dermatitis (AD) is the most common skin disorder in infants and children. Atopic conditions are associated with immunoglobulin E-mediated immune responses.

Intestinal dysbiosis has been shown to precede the onset of allergic diseases through altered immune regulation. Studies suggest that probiotics supplementation may modulate intestinal immune response (TH1/TH2 response), stabilizing the intestinal barrier function and reducing gastrointestinal symptoms in children with atopic dermatitis.

Pan SJ et al. Pediatr Allergy Immunol 2010; 21:e659-66. I Özdemir Ö et al. Biomed Res Int 2013; 2013:932391.I 3Tulli A.,– Clinic of Dermatology, University of "G. d'Annunzio" Chieti Italy; Preliminary studies on the effects of Kluyveromyces B0399 in patients with atopic dermatitis. Trial n. 75, 2009.

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CSL Scientifically Studied Strains

Organisms (Genus and species)	New Taxonomy	Strains	Indication	Billion CFU/ Gram	Pack sizes
SYNBIO®			Gut Health, Immune Health, Women's Health, Sport Performance, Allergy	100	1kg, 5kg,10kg
- *Lactobacillus rhamnosus*	*Lacticaseibacillus rhamnosus*	**IMC 501®**			
- *Lactobacillus paracasei*	*Lacticaseibacillus paracasei*	**IMC 502®**			
PENTABIOCEL®			Irritable Bowel Synrome (IBS), Celiac Disease, Gluten sensitivity	300	
- *Bifidobacterium breve*	(no change)	**BL10**			
- *Bifidobacterium breve*	(no change)	**Bbr8**			
- *Bifidobacterium animalis subsp. lactis*	(no change)	**Bi1**			
- *Lactobacillus plantarum*	*Lactiplantibacillus plantarum*	**14D**			
- *Lactobacillus paracasei*	*Lacticaseibacillus paracasei*	**101/37**			
Bifidobacterium animalis subsp. lactis	(no change)	**BLC1**	Gut Health, Immune Health	300 & 700	
Bifidobacterium longum	(no change)	**SP54**		100	
Lactobacillus acidophilus	(no change)	**LA3**	Gut Health	200	
Lactobacillus acidophilus	*(no change)*	**LA1**			
Lactobacillus casei	*Lacticaseibacillus casei*	**BGP93**			
Lactobacillus fermentum	Limosilactobacillus fermentum	**CS57**	Women's Health	100	
Lactobacillus jensenii	(no change)	**KS 121.1**			
Lactobacillus reuteri	Limosilactobacillus reuteri	**LR92**	Perinatal Health, Infantile Colic	200	
Lactobacillus rhamnosus	*Lacticaseibacillus rhamnosus*	**LB21**	Skin Health, Atopic Dermatitis, Dental Caries	200	
Lactobacillus rhamnosus	*Lacticaseibacillus rhamnosus*	**SP1**	Skin Health, Oral Health, Acne, Dental Caries	300	
Lactobacillus rhamnosus	Lacticaseibacillus rhamnosus	**CRL1505**	Immune Health, Gut Health, Children Health, Respiratory Health	200	
Lactobacillus paracasei	*Lacticaseibacillus paracasei*	**101/37**	Immune Health	200	
Lactobacillus paracasei	*Lacticaseibacillus paracasei*	**Vigiis 101**	Gut Health, Immune Health	100	
Lactobacillus plantarum	*Lactiplantibacillus plantarum*	**P-8**	Mental Health	300	
Lactobacillus plantarum	*Lactiplantibacillus plantarum*	**WCFS1**	Gut Health, Immune Health	300	
Lactobacillus plantarum	*Lactiplantibacillus plantarum*	**LB931**	Women's Health	200	
**Lactobacillus plantarum*	*Lactiplantibacillus plantarum*	**LPLDL®**	Heart Health, Cholesterol Lowering	200	
***Bacillus coagulans*	*(no change)*	**SNZ 1969 (BC4)**	Gut Health, Neonatal GI Health, Oral Health, Dental Caries	100	1kg, 5kg
Klyveromyces marxianus fragilis	(no change)	**B0399®**	Gut Health, Women's Health, Oral Health, Dental Caries	0,5	

* May not be available in all markets ** Not available in USA

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