

Leviker®

STANDARDIZED EXTRACT OF *PRUNUS MUME*

THE NATURAL & INNOVATIVE SOLUTION FOR FATTY LIVER

FATTY LIVER, A FUTURE EXPLODING PREVALENCE

Non-Alcoholic Fatty Liver Disorder (NAFLD) is defined by the excessive fat accumulation in the liver (>5% of hepatocytes histologically) that encompasses **a wide spectrum of liver injuries from steatosis to cirrhosis**.

33% of the worldwide population have evidence of fatty liver on imaging.

70-90% prevalence of NAFLD in patients with metabolic syndrome, obesity and type 2 diabetes.



MODERN LIFESTYLE

Meals on-the-go, festive meals, afterworks, stress, short nights, sedentariness.



UNHEALTHY DIETARY PATTERNS

High relation between steatosis and insulin resistance.



OVERWEIGHT AND OBESITY

40% of the worldwide adult population is overweight or obese.



DRUG-INDUCED LIVER INJURY (DILI)

Adverse drug reactions are an important cause of liver injury (unintentional overdosage in acetaminophen, chronic medication).

+23%

HIGH POTENTIAL SEGMENT

Turnover expecting to grow by **+23%** between 2017 and 2022.

OFFICIAL GUIDELINES RECOMMEND PEOPLE WITH FATTY LIVER TO IMPROVE THEIR PHYSICAL AND DIETARY HABITS AND TO AVOID ANY DEDICATED PHARMACOTHERAPY...

...but **patients with impaired liver and metabolic functions experience difficulties to drastically change their lifestyle...**



THERE IS A REAL NEED FOR PATIENTS TO BE SUPPORTED BY AN EFFECTIVE SOLUTION TO RETRIEVE A HEALTHY LIVER & METABOLIC FUNCTIONS.

LEVIKER®, OUR SOLUTION FOR FATTY LIVER



THE INNOVATIVE SUPERFRUIT

Leviker® is made of a **proprietary standardized extract of Japanese Apricot (*Prunus mume*)**, a superfruit supported by a long history of traditional use for liver health in Asia.



HIGH-QUALITY BOTANICAL EXTRACT

STRAGEN has developed a proprietary extraction process specifically adjusted to the *Prunus mume* fruit characteristics to guarantee a standardized level of active compounds.



CLINICALLY PROVEN

Leviker® efficacy on liver function and metabolic parameters linked to fatty liver has been proven in a randomized, double-blind, placebo-controlled clinical study.



CONVENIENT

One-a-day solution.



LEVIKER®, A COMPLETE MODE OF ACTION

Leviker® contains a standardized level of specific triterpenoids, which scientifically proved their hepatoprotective properties and positive action on metabolic functions:

- Reduction of liver enzymes AST & ALT > **Hepatoprotective effect**
- Increase of GSH and antioxidant enzymes > **Antioxidant response**
- Inhibition of inflammation mediators (NOS and COX-2) > **Reduction of inflammation**
- Inhibition of squalene synthase enzyme synthesis > **Reduction of cholesterol**
- Inhibition of SGLT-1 and GLUT-2 > **Hypoglycemic effect**

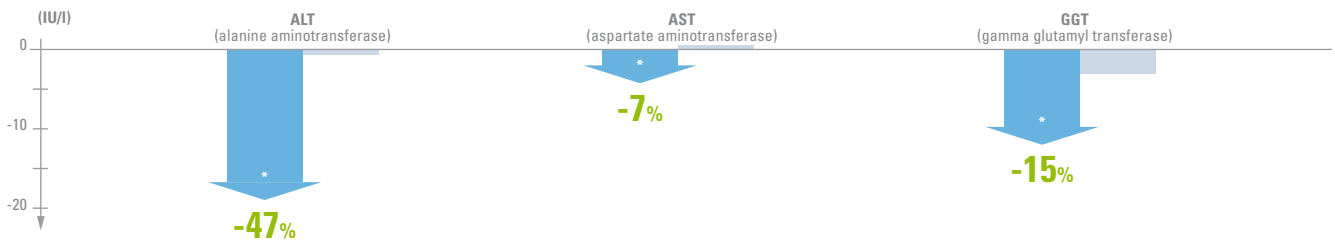
LEVIKER®, THE CLINICALLY PROVEN SOLUTION

Leviker® efficacy has been demonstrated in a randomized, double-blind, placebo-controlled clinical study (n = 45). Duration: 12 weeks.

LEVIKER® IN LIVER PROTECTION & REDOX HOMEOSTASIS

■ Leviker® ■ Placebo * Statistically significant vs placebo (p<0.05)

Difference at 3 months vs baseline

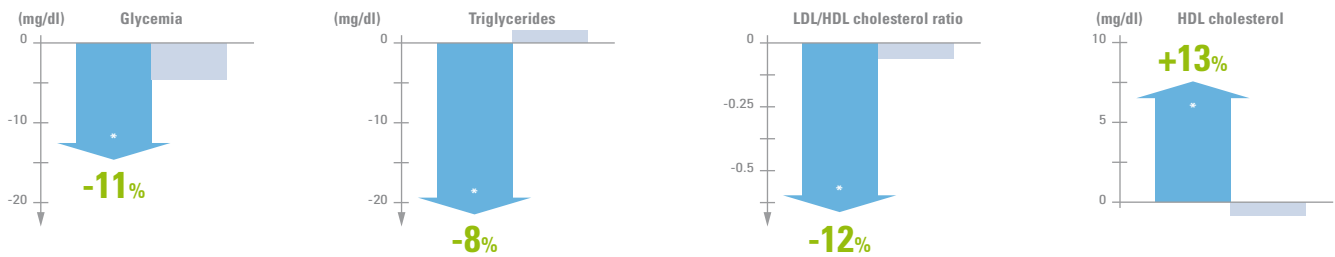


- ▶ 1 tablet of Leviker® resulted in significant improvement in levels of liver enzymes, indicators of healthy liver function.
- ▶ Results reached significance as from 2 months of treatment.

LEVIKER® IN GLYCEMIA & LIPID PROFILE

■ Leviker® ■ Placebo * Statistically significant vs placebo (p<0.05)

Difference at 3 months vs baseline



- ▶ Leviker® significantly improved vs placebo: glycemia, LDL/HDL cholesterol ratio, HDL-cholesterol and triglycerides.

LEVIKER®, AN EXCELLENT WELCOME-TO-MARKET WITH PROMISING RESULTS

After having Leviker® on the market for only 6 months, our Greek partner received 2 gold awards:

- Best launch in pharmacy
- Most innovative product in pharmacy



TECHNICAL INFORMATION

- **Actives:** Proprietary standardized extract of *Prunus mume*
- **Presentation:** Tablets packed in a tube
- **Quality:** Manufactured in France following GMP standards
- **Regulatory:** Food supplement
- **Posology:** 1 tablet per day

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LEVIKER®, THE NATURAL & INNOVATIVE SOLUTION FOR FATTY LIVER

- ▶ HEPATOPROTECTIVE EFFECT
- ▶ IMPROVES METABOLIC PROFILE
- ▶ PROPRIETARY STANDARDIZED EXTRACT
- ▶ ONE-A-DAY



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