

nextida·GC

The future of GLP-1 and glucose management

Rousselot

| by Darling Ingredients



The glucose rollercoaster

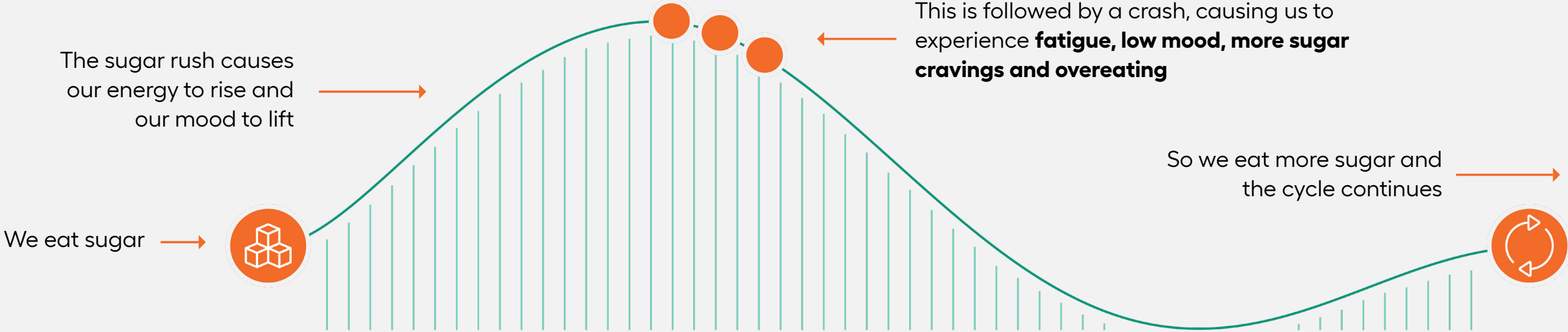
Maintaining balanced glucose levels is the foundation of good physical and mental health. Frequent spikes in blood glucose are detrimental to health, negatively affect mood and energy, and often result in sugar cravings and overeating.¹⁻⁴ What follows is a cycle of glucose spikes and dips, like the highs and lows of a rollercoaster. Health problems can arise if these blood glucose spikes extend too high or are too frequent.⁵

GLP-1 plays an essential role in reducing the glucose spike, which in turn supports metabolic health. The presence of the GLP-1 hormone causes a feeling of fullness by signaling the stomach to slow down

gastric emptying and suppresses hunger by stimulating the brain's satiety center.^{6,7} It also enhances pancreatic insulin secretion, hence playing a key role in blood glucose management.⁸

Consumers are showing interest in these benefits. According to FMCG Gurus, 33% of global consumers stated they wanted to improve their blood sugar levels with supplements.⁹ **Furthermore, 59% of U.S. consumers interested in GLP-1 said they would be VERY INTERESTED in a supplement to increase GLP-1.**¹⁰

Managing the glucose rollercoaster helps stabilize energy levels



Consumers interested in GLP-1 turn to supplements

In 2025, Rousselot conducted a survey among 740 U.S. adults interested in GLP-1. Notably, the research revealed that a significant number of these consumers are **highly motivated by metabolic wellness factors like blood sugar regulation and balanced glucose metabolism.**

The survey found nearly all the consumers reported taking supplements in the prior 12 months, with 30% taking supplements for managing blood glucose levels.



of consumers interested in GLP-1 take supplements to manage blood glucose levels



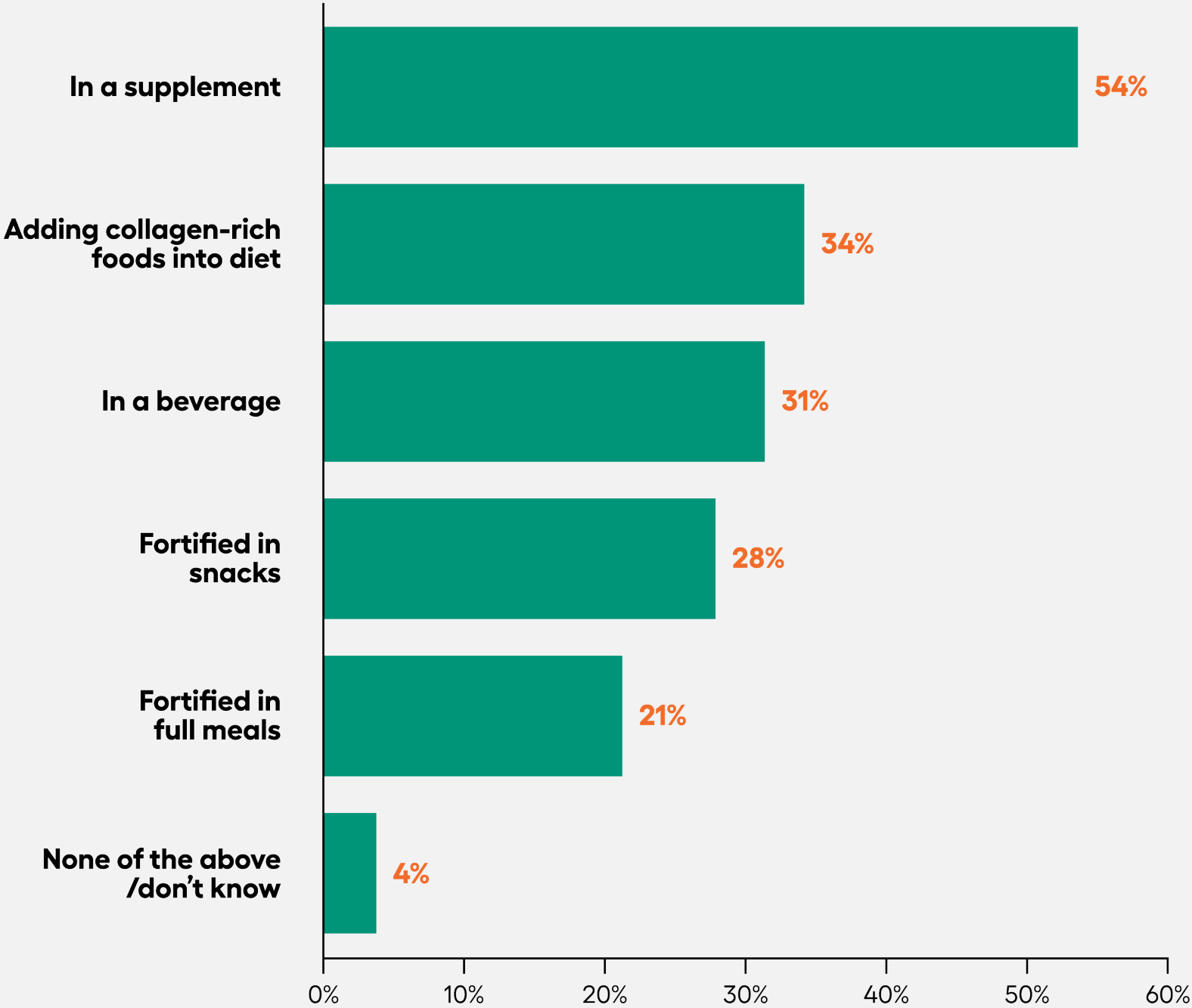
Collagen is a familiar ingredient

Consumers interested in GLP-1 are already familiar with the benefits of collagen peptides. These consumers associate collagen with support for skin (52%) and hair/nails (39%). Many also recognize its benefits related to joint health, energy, general wellness and bone health.

These consumers are most interested in consuming collagen via a supplement, though a significant proportion are interested in getting it through collagen-rich foods, beverages, snacks and premade meals.



Top consumption preferences for collagen peptides



Rousselot 2025 survey of consumers interested in GLP-1

A specific collagen peptide for GLP-1 and post-meal glucose spikes

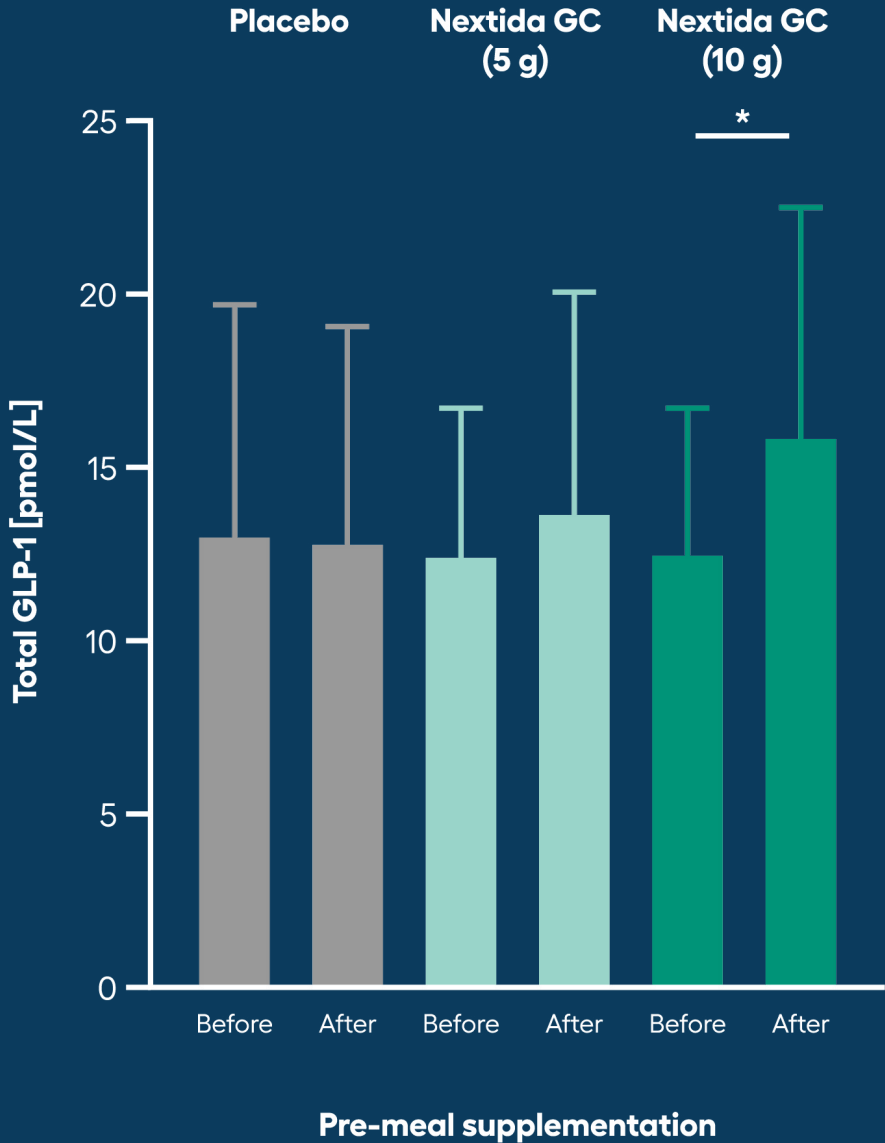
Nextida® GC, a groundbreaking new specific collagen peptide composition from Rousselot, shows promise to moderate post-meal glucose fluctuations by naturally stimulating GLP-1 secretion.

Boosted GLP-1 secretion

A clinical trial was conducted in an overall healthy heterogeneous population of normoglycemic and imbalanced metabolism (prediabetic) participants.¹¹ They were given a 5- or 10-gram dose of Nextida GC prior to eating a meal.

Results from the study showed a statistically significant increase in GLP-1 levels pre-meal for the overall healthy population when a 10-gram dose of Nextida GC was ingested 30 minutes before a meal. When looking at just the group with imbalanced metabolism, both the 5- and 10-gram doses of Nextida GC triggered a significant GLP-1 release (Fig. 1A and 1B).

A Nextida GC naturally triggered GLP-1 secretion in a healthy heterogeneous population (normoglycemic and with imbalanced glucose metabolism)



B Nextida GC naturally triggered GLP-1 secretion in a healthy homogeneous population (with imbalanced glucose metabolism)

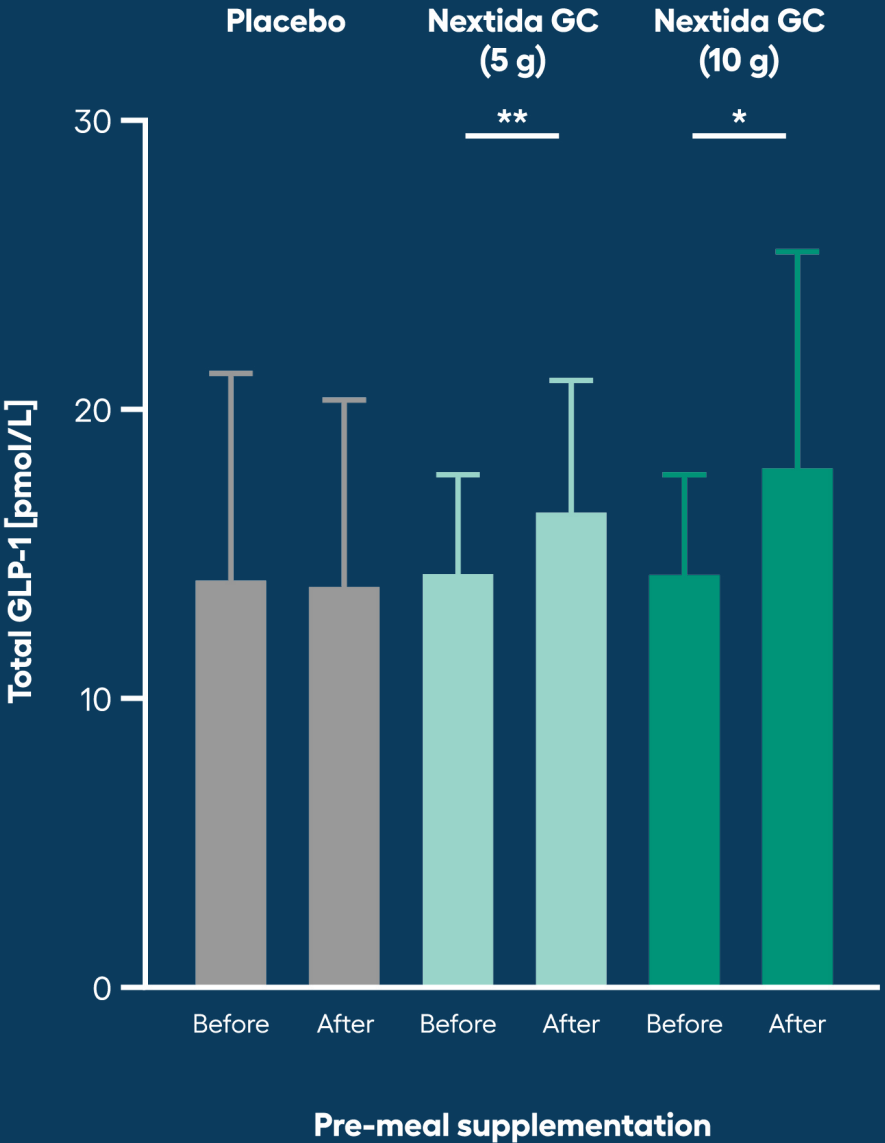


Figure 1: Nextida GC naturally triggered GLP-1 secretion in A) a healthy heterogeneous population (normoglycemic and with imbalanced glucose metabolism, i.e., prediabetic) and B) a healthy homogeneous population (with imbalanced glucose metabolism). GLP-1 levels before and after oral supplementation of placebo or Nextida GC are shown. * p < 0.05, ** p < 0.01. Manuscript under preparation.

Lowered post-meal glucose spikes

Given how GLP-1 modulates blood glucose levels, measuring the glucose response reveals the effectiveness of Nextida GC. Oral intake of Nextida GC 30 minutes before eating **significantly lowered the post-meal glucose spike at both the 5- and 10-gram dosage levels** (-43% and -40%, respectively).¹¹


These results showcase the potential of Nextida GC to promote post-meal glucose control across dosages. Lowering blood glucose spikes may reduce cravings for energy-boosting sugary or starchy foods,⁴ helping consumers maintain a healthier lifestyle.

The collagen experts at Rousselot specifically developed Nextida GC to create opportunities for supplement and functional food and beverage manufacturers to reach healthy consumers with support for post-meal glucose spikes and to boost GLP-1 secretion. Nextida GC is a pure protein designed to easily integrate into a variety of formats, from capsules and powdered stick packs to ready-to-drink shots and gels, and even pre-meal snacks. In addition to a neutral taste and odor, the proprietary collagen peptide has excellent tolerability and meets all U.S. and EU regulatory standards for food safety.¹²

*As observed in clinical study (Grasset, 2024)

Rousselot's scientific study provides substantiation for potential structure/function claims in the U.S.¹³
For example:

- Helps support healthy postprandial blood glucose levels
- Helps reduce after-meal glucose spikes

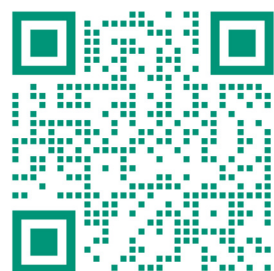


42%
average glucose reduction*



At Rousselot, we know collagen. We have 130+ years of scientific experience and are trusted around the world as a supplier of innovative, evidence-based collagen ingredients. Our customers rely on us for our commitment to science-backed solutions and the highest standards of quality.

Rousselot's team of collagen experts are on hand to answer questions about product development and regulatory issues. Visit nextida.com or rousselot.com to learn more.



Scan to learn more about Nextida GC

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11. <https://doi.org/10.1002/fsn3.4538>
12. Safety and tolerability validated by Atlantia Clinical Trials in collaboration with Rousselot (2024)
13. Always seek regulatory advice before making claims. Users of this document should consider this data only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources. For claiming possibilities outside the U.S., please consult your country/regional legislation.

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Full traceability



High standards of quality and safety



Commitment to the environment and to our clients



Global support and expert advice

About Rousselot Health & Nutrition

As Rousselot's strategic segment dedicated to health and nutrition, we are committed to developing innovative ingredients answering today's demand for solutions offering proven efficacy, full safety, and premium quality.

Our customers can rely on best-in-class products backed by trusted science, as well as on our expert support in formulation, product development, and regulatory advice. Our range of products includes Peptan[®], Peptinex[®], ProTake[®], Colartix[®], and now Nextida[®] GC for a healthier tomorrow.

Rousselot B.V.

nextida.com

Kanaaldijk Noord 20

rousselot.com

5681 NM Son

The Netherlands

 Rousselot

+31 499 364 100

 @RousselotHealth

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by Darling Ingredients

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