

# Programme: PoC Private

**Project lead:** dr.sc. Mislav Novokmet

**Project value:** 699,795.23 HRK

Project Start Date: 01/01/2014

Project Duration: 12 months

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## Glycans as a Measure of General Health and Aging

This project aimed to explore glycans as biomarkers for assessing overall health and biological aging. Glycans, complex sugar molecules attached to proteins and lipids, play a crucial role in various biological processes, including immune response, inflammation, and aging.

By leveraging innovative glycomic analysis techniques, the project sought to validate glycans as reliable indicators of physiological aging and health status. The research findings could contribute to the development of novel diagnostic tools for personalized healthcare, enabling early detection of age-related health risks and improved preventive strategies.

The project was co-funded by BICRO under the "Proof of Concept for Entrepreneurs" program, supporting the commercialization potential of glycan-based health assessments.