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TECHNICAL UNIVERSITY
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„ION IONESCU DE LA BRAD”
IASI UNIVERSITY OF LIFE SCIENCES



INTELLIGENT VALORISATION OF AGRO-FOOD INDUSTRIAL WASTES (INTELWASTES) 2SOFT/1.2/83

<https://intelwastes.utm.md>

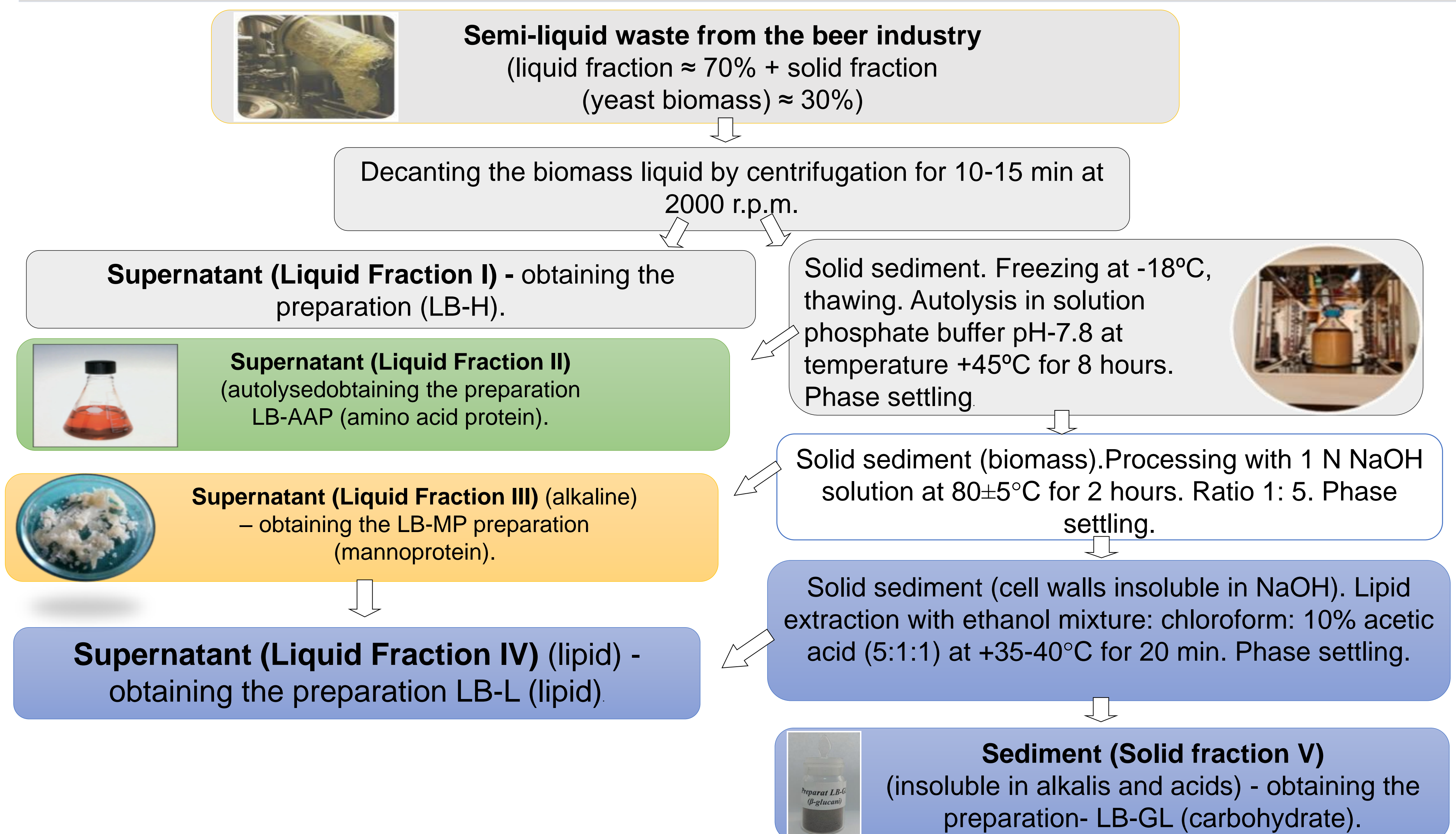
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Institute of Microbiology and Biotechnology PROCESSES FOR THE PROCESSING AND RECOVERY OF WASTE FROM THE BEER INDUSTRY

Authors: Beşliu Alina, Chiselița Natalia, Chiselița Oleg, Efremova Nadejda, Tofan Elena, Lozan Ana

THE PURPOSE: The elaboration of new processes for the processing and recovery of waste from the beer industry.

THE ESSENCE: This paper presents the results of a new process based on the separation of the liquid fraction of beer waste sediments from solid, the optimized method of autolysis of yeast biomass for the destruction of cell walls and fractional extraction step by step of cell constituents.



FIELD OF APPLICATION: Environment-Pollution Control, Agriculture, Zootechnics, Medicine-Health Care-Cosmetics, Food and Pharmaceutical Industry

CONCLUSIONS: The elaborated process allows the complete recovery of the waste of the beer industry by obtaining from the same volume of processed waste, within a continuous technological flow, 5 different fractions, with a varied biochemical content, to obtain preparations of various kinds.

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Contact details: Institute of Microbiology and Biotechnology, 1 Academiei Street, Chisinau Republic of Moldova, email: besliu.imb@gmail.com