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Bioenergy yields from sequential bioethanol and biomethane production: An optimized process flow

Rocha-Meneses, Lisandra; **Otor, Oghenetejiri Frances; Bonturi, Nemailla**; Orupõld, Kaja; Kikas, Timo Sustainability 2020 / art. 272 <https://doi.org/10.3390/su12010272> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

C/N ratio and carbon source-dependent lipid production profiling in Rhodotorula toruloides

Lopes, Helberth Júnior Santos; Bonturi, Nemailla; Kerkhoven, Eduard Johannes; Miranda, Everson Alves; **Lahtvee, Petri-Jaan** Applied Microbiology and Biotechnology 2020 / p. 2639 - 2649 <https://doi.org/10.1007/s00253-020-10386-5> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Development of a dedicated Golden Gate Assembly Platform (RtGGA) for Rhodotorula toruloides

Bonturi, Nemailla; Pinheiro, Marina Julio; Oliveira, Paola Monteiro de; Rusadze, Eka; Eichinger, Tobias; **Liudžiute, Gintare; De Biaggi, Giuliano Sabedotti**; Brauer, Age; Remm, Maido; Miranda, Everson Alves; Ledesma-Amaro, Rodrigo; **Lahtvee, Petri-Jaan** Metabolic engineering communications 2022 / art. e00200 <https://doi.org/10.1016/j.mec.2022.e00200> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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Evaluating the impact of toxicities in hemicellulosic hydrolysates during biotechnological valorisation processes

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Exploring the potential of microbial biomass and microbial extracted oils in tribology: a sustainable frontier for environmentally acceptable lubricants

Bernat, Szymon; Di Bartolomeo, Francesca; Armada, Sergio; Valaker, Emil; **Bonturi, Nemailla**; Koseto, Deni; Haugen, Tone; Kvernbraten, Ann-Karin; Stavarek, Petr; Vecer, Marek; Zelenka, Ladislav Green chemistry letters and reviews 2024 / art. 2330644 <https://doi.org/10.1080/17518253.2024.2330644> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Fat-making microbes for greener and sustainable industry

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Genome-scale metabolic modeling reveals metabolic trade-offs associated with lipid production in Rhodotorula toruloides

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Genome-scale modelling-based discovery of metabolic strategies in oleaginous yeast Rhodotorula toruloides

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Induction of resistance mechanisms in Rhodotorula toruloides for growth in sugarcane hydrolysate with high inhibitor content

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„Järjekord on ukse taga.“ Suurte plaanidega idufirma on juba lõõnud käed soomlaste Valio ja ameeriklaste Kraft Heinziga

Liiva, Siiri [„Järjekord on ukse taga.“ Suurte plaanidega idufirma on juba lõõnud käed soomlaste Valio ja ameeriklaste Kraft Heinziga](#) 2023

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Lipidomic profile of rhodotorula toruloides by GC/MS and antioxidant capacity of the oil by DPPH and TLC-plate methods

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Metabolic engineering of Rhodotorula toruloides for astaxanthin production using Golden Gate Assembly Platform

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Quantitative systems biology analysis of lipid-producing yeast Rhodotorula toruloides cultivation

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Screening and growth characterization of non-conventional yeasts in a hemicellulosic hydrolysate

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TalTechi hargettevõtte kaasas miljon eurot

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Uuendusliku tehnoloogiaga jätkusuutlikuma toidu-ja kosmeetikatööstuse poole

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