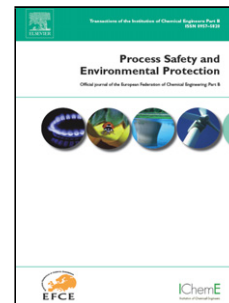


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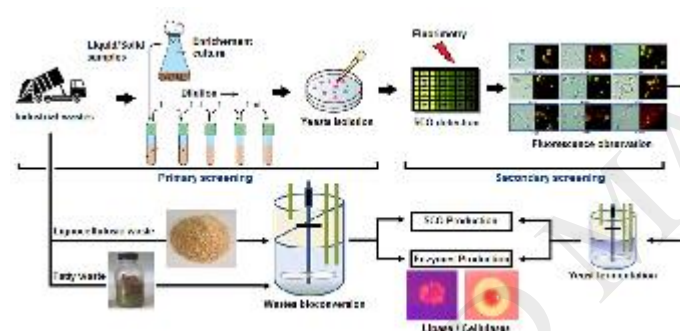
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Graphical abstract



Highlights

- Fluorimetric screening of new oleaginous yeasts from industrial biotopes
- Oleaginous yeasts identification and characterization
- Single cell oil production and fatty acid profile analysis
- Hydrolytic potentials (cellulases and lipase) exploitation for isolated strains
- Agro-industrial by-products bioconversion for lipids and enzymes production

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