

Biotechnology to build a brighter future: Food, Health and Environmental Applications



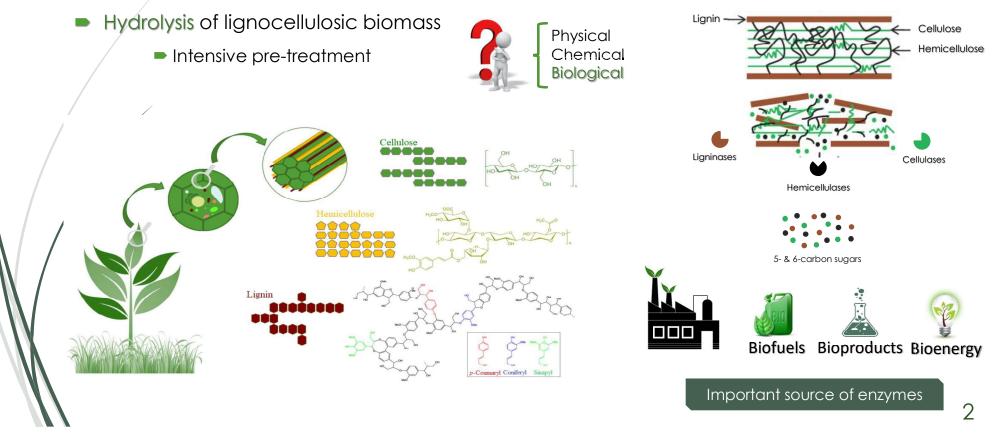
Metagenomics approach to unravel the potential of lignocellulosic residues towards the discovery of novel enzymes

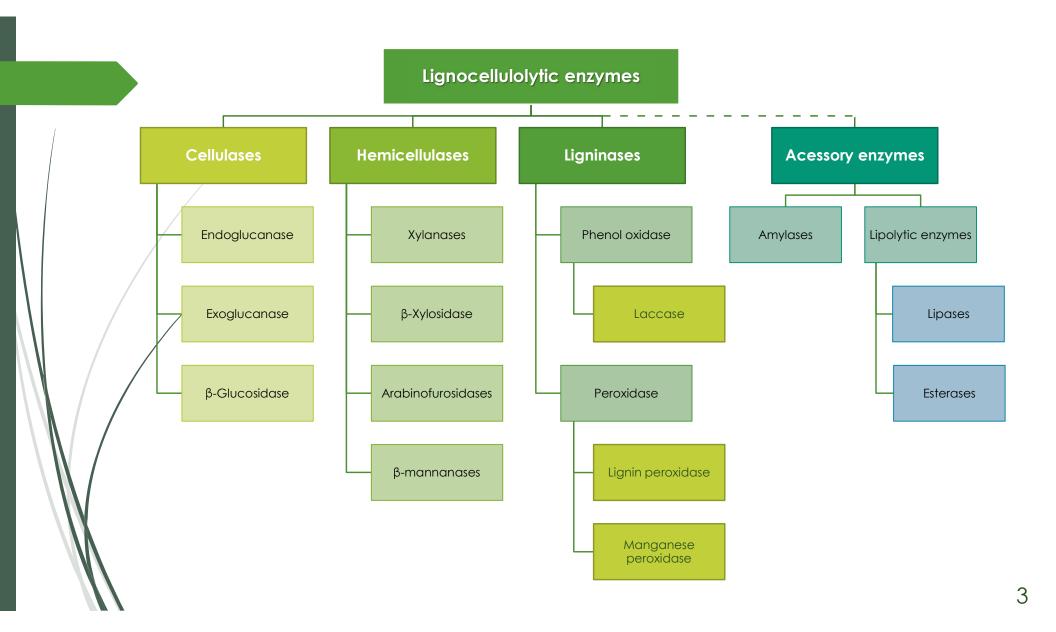
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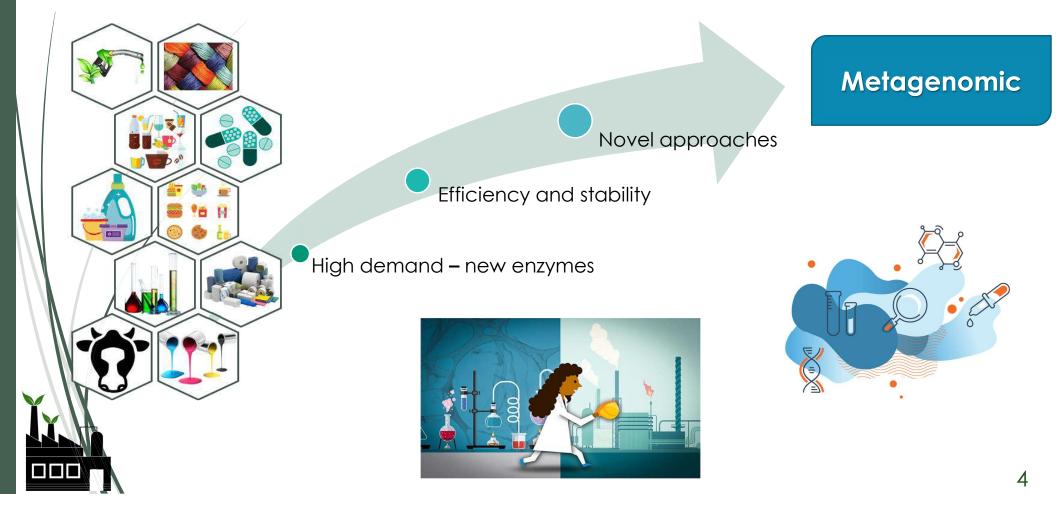
Lignocellulosic residues

- Challenge to replace fossil resources with the renewable ones
- Great potential to be used as low-cost and bio-renewable resource

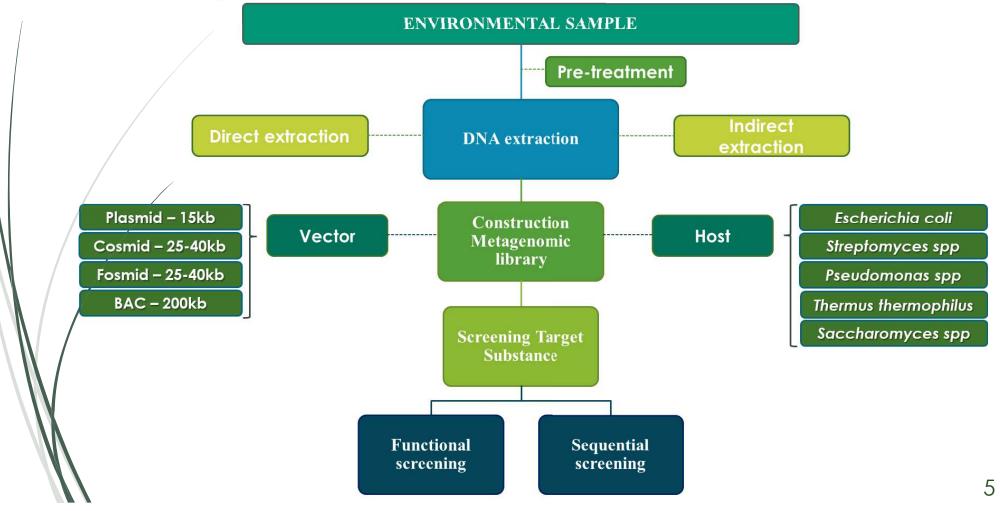




Industrial applications of enzymes



Metagenomic approaches



Main goal

Use a functional and sequential metagenomic approaches to find novel and promising enzymes responsible for the decomposition of lignocellulosic residues from industrial composting samples





Task 1 - Collection of compost samples and physicochemical characterisation



Principal Investigators:





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Team Members:



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