











We bring delicious plant-based proteins with the shortest ingredient list to the table of meat eaters























clean labelfood development



Clean Label

Consumer Demand:

- Safe
- Healthy
- Sustainable
- Transparent

• Market Trends:

- Demand for organic and natural products
- Regulatory pressure



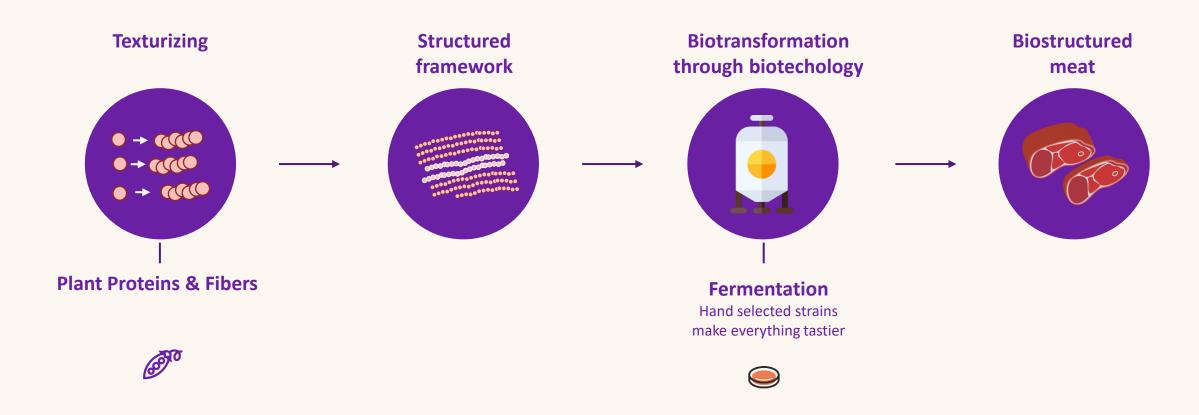


Challenges

- Replacing artificial ingredients
 - o Taste
 - o Colour and appearance
 - Texture
- Maintaining shelf life



Biostructured meat, from chicken to beef





The Role of Fermentation

- Flavour Complexity and Enhancement:
 - complex, layered flavours
 - adding umami, sour, and savoury notes.
- Natural Preservation:
 - lowering pH and a_w-Value
- Nutritional benefits:
 - Potential probiotic health benefits and
- Texture Modifications:
 - improving chewiness or creaminess
 - improves digestibility and mouthfeel









What can we achieve?

Tailored characteristics:

- "fatty porky" to "lean beef" flavours
- texture from tender to chewy
- juiciness and moisture release
- Target acidity



planted.



Incorporating Fermentation in PD

Product Development Process:

- Ingredients
- Organisms
- Type of fermentation
- Conditions
- Safety

→ Bringing the product to market

- Testing and scaling up
- Simplify wherever possible
- Ensure stability and homogeneity
- Keep up and downstream processes in mind





No additives

What now?

- Combining extrusion and fermentation
- Fulfil consumer needs
- Expand possibilities on product variety



Let's get talking



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