

# GREEN STRATEGIES FOR RECOVERING BIOACTIVE MOLECULES FROM PLANT RESIDUES AND INDUSTRIAL BY-PRODUCTS

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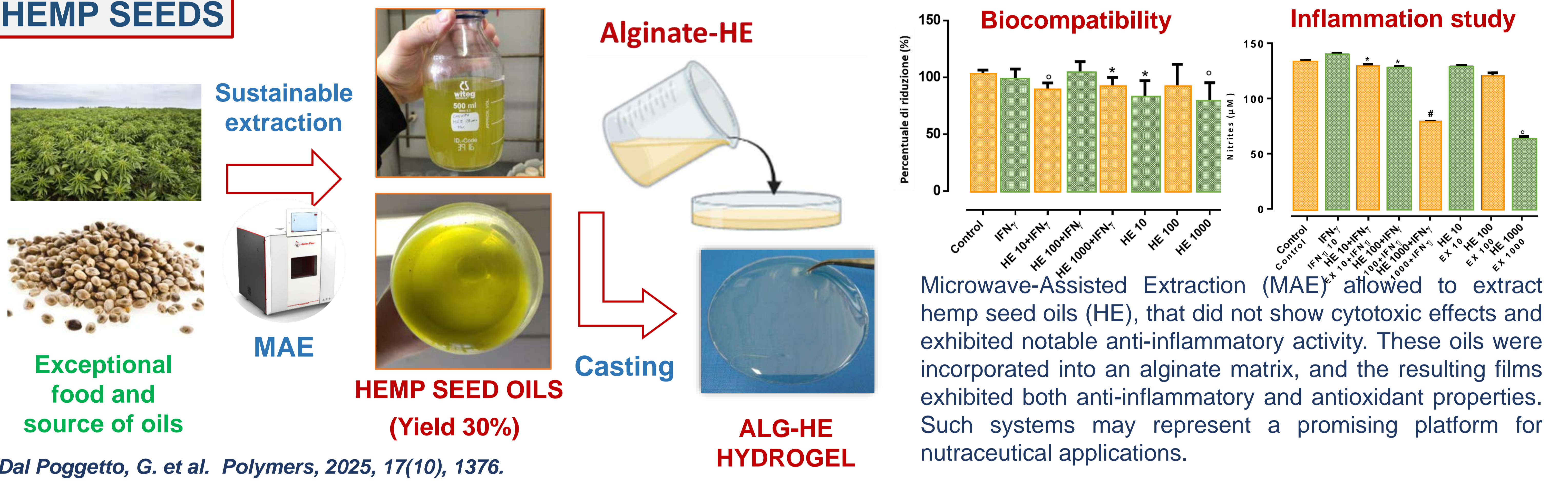
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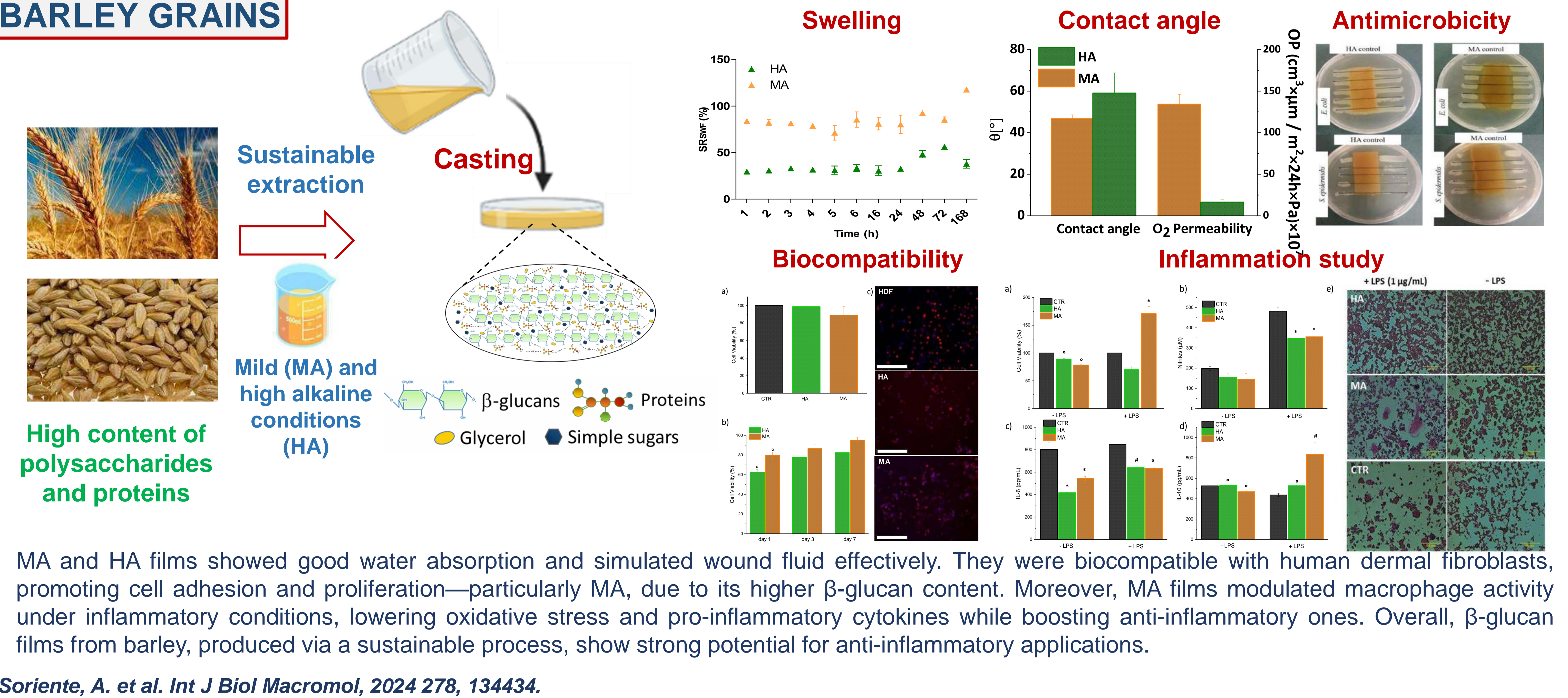
## INTRODUCTION

Plant-based and agri-food by-products represent a valuable source of raw materials for the development of innovative and sustainable products. Their constituents exhibit functional properties, making them attractive as environmentally friendly substitutes for conventional food additives. Current research is directed toward eco-efficient extraction strategies aimed at reducing environmental impact while enhancing recovery efficiency. In this work, selected biomasses, namely, Cannabis sativa L., barley grains, and oil industry wastewaters were investigated as sources of biopolymers and bioactive compounds.

## HEMP SEEDS



## BARLEY GRAINS



## OLIVE INDUSTRY WASTEWATER

