



INNOVHUB  
STAZIONI SPERIMENTALI  
PER L'INDUSTRIA

innovazione e ricerca

# FOOD AND FATS TECHNOLOGY



# COLD PRESSED SEED OIL EXTRACTION



  
Oil pressed



  
Flour extracted

- Oil extraction from seeds and insects
- Oil and cake characterization

# SHORT PATH VACUUM DISTILLATION



- Reduction of cholesterol in butter and lard
- Squalene recovery from olive oil deodorizer distillates
- Enrichment of hemp inflorescence extracts
- Extraction of carotenoids
- Distillation and recovery of high value molecules
- Physical neutralization

# LAB REACTOR

- Extraction of nutraceutical compounds from production waste of food industries (e.g. grape pomace, olive leaves and citrus fruits)
- Recovery of polyphenols and bioactive compounds (e.g. olive pomace and red fruits)
- Esterification reaction of oils and fats
- Preparation of biofuels (biodiesel)
- Interesterification reaction of fatty substances
- Refining process of oils and fats (bleaching, neutralization, deodorization)



For further information, contact us:

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# Innovhub

## Stazioni Sperimentali per l'Industria

### Innovation for competitiveness

We are a national centre for applied research, analytical testing, innovation and technology transfer.

In our scientific laboratories we employ several experts to support paper, textile, fuels, oils, varnishes, detergents and cosmetics sectors, with the aim to promote research, innovation and industrial development, with particular attention to sustainability. We are involved in research projects in various areas, such as sustainability, food and energy. Besides, we offer testing and consultancy services for companies and public administrations, and are also active in technical standardization and in promotion of technical and scientific culture.

We are partner of the Enterprise Europe Network, a European Commission initiative active since 2008 to support innovation, technology transfer and internationalization of companies and research centres. The Network counts 700 partners, operating in more than 60 countries all over the world. Thanks to the participation in this project, we provide, free of charge, technical assistance services and commercial, technical partner search.

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