



Eduardo Viteritti

Rogliano (CS) in 18/08/1990

Master Degree in Pharmacy
in University of Chieti

Worked in different private
companies before PhD (
Ambientale srl, RAYS SPA- HEALT
& SAFETY)



Manuel Sergi

Analytical Chemistry
(CHIM / 01)

Research field: development
of analytical methods for
food and biomedical
applications



Pieter Dorrestein

Director, Collaborative Mass
Spectrometry Innovation Center
Co-Director, Institute for
Metabolomics Medicine

Research field: Develop new
mass spectrometry tools
including bioinformatics tools to
visualize metabolic exchange in a
spatial and system-wide manner



Eleonora Bafile

Castelnuovo Vomano (TE)

SINTAL is a dynamic
company which aims to
develop innovative products
for special needs in food and
food supplements.
The research in this field is
always open for new ideas
focused in quality and
innovation.

Development of innovative dietary supplements with antiinflammatory and painkiller effects

➤ General objectives of the project

Research and characterization of new compounds from vegetal matrices with antiinflammatory and painkiller effects; development of innovative formulations.

➤ Industrial impact of the project

The idea is to develop a dietary supplement which can fulfill the market needs and act with the human body in healthy, natural and effective way. Several innovative aspects are involved, also thanks to the collaboration with Dorrestein Lab in San Diego for the metabolomic approach in bioactive compounds characterization

- Co-projecting: Sintal Dietetics has co-projected the research and training carried out during the PhD programme. Assut contributed with its structure and equipment, specialized personnel and its background in the field of dietary supplements.
- Training: (indicate the title of course/ meeting/ seminars): Sintal Dietetics will support the PhD student's training activities in order to improve his abilities on technological transfer, in particular on industrial approach for problem solving and for the quality procedures.
- Research (indicate the complementary role): all the research activities will be planned and carried out by the PhD student with the continuous support of the UniTe and Sintal staff. This collaboration is expected to produce significant scientific results, that will be presented in national and international congresses, and scientific journals.
- Technological transfer: final goal is the development of a dietary supplement with specific activity (antiinflammatory and painkiller); at the end of the PhD the first pill (or other kind of supplement) will be produced in the company site. The commercialization of this product will be up to the company strategy.

Publications (underlying the business expert, if present);

This PhD began on January 2020 and no publication is available yet.



Scientific meeting (underlying the business expert, if present)

This PhD is just began (january 2020) and only internal meetings (Sintal + Unite) were carried out



This PhD began on January 2020 and no research activities were completed so far.

