



DEVELOPMENT OF A TOTAL ANTIOXIDANT POWER INDEX (MODELING APPROACH)

The European Antioxidant Institute (IEA) chaired by Dr. Smail MEZIANE, IEA is a center of expertise, advice and analysis of antioxidants to meet any demand in the field of antioxidants from the cosmetics, food and dietary supplement industries.

Drawing on experts in the field, the platform develops a standardized method (PAOT Technologies) and a model for exploiting analytical data to define an objective and easy-to-use scale of antioxidant potency. Thus, IEA will be able to provide professionals with an analytical tool and expertise unique in Europe.

For more information: www.ie-antioxydants.com and www.paotscan.io

Mission statement :

The objectives of this work is to develop an index representing the total antioxidant power of a food, cosmetic, nutraceutical and pharmaceutical matrix.

The main steps of the project

- 1- Feeding a database
 - a) Bibliographical research on the state of the art
 - b) Implementation of laboratory procedures
- 2 - Development of a model and its validation

Candidate Profile :

Profile sought: Bio/Chemist or biologist by training, knowledge of extraction, antioxidant testing.

- Creativity, organizational skills, conviction and analytical rigor.
- Ability to integrate and work in a team
- Strong taste for laboratory research

Duration and location of the internship :

Master's internship (6 months from February 2021 (European Antioxidant Institute)

Associated keywords: Database, modeling, antioxidants

How to apply

European Antioxidant Institute (IEA)
1B rue Victor de Lespinats,
54230, Neuves-Maisons

Contact name: Dr. Smail MEZIANE/ Dr. Mouna KACI

Smeziane@ie-antioxydants.com and mkaci@ie-antioxydants.com