

# Call for application

## REP-eAT

**Rep-Eat** is a doctoral programme – coordinated by the **University of Teramo (Italy)** and funded from the European Union's Horizon 2020 research and innovation programme under the Marie Skłodowska-Curie - in the interdisciplinary domain of food and healthy diet to deepen the impact of food quality on reproductive Health (REP) and eating disorders (EAT). In compliance with the concept of "One Health", Rep-Eat will focus on the effect of diet determinants on both humans and animals thus implying a strict integration amongst food and life science research advances. The programme is further strengthened by 18 academic (16 EU and 2 USA) and 24 non-academic partners.

### Choose your DP



**ESR 01:** Development of encapsulated olive oil and olive extracts as innovative natural and health food ingredient.

**ESR 02:** Novel nanomaterial for lab on chip devices development: application to environmental stressors in food system and their effect on the oxidative stress in select cell.

**ESR 07:** Fermented foods, from microbes to functionality.



**ESR 03:** Effect of dietary on mammalian spermatozoa membrane lipid remodeling.

**ESR 05:** Effects of dietary exposure to ochratoxin A (OTA) mycotoxin below/around guidance values on embryo/fetal development and pregnancy success.

**ESR 11:** Food habits, life style, genetic background in tumour initiation and progression of reproductive system.



**ESR 04:** The lipidomic analysis in the veterinary field: study of the cell membranes lipid profile in physiological and pathological conditions.

**ESR 09:** Evaluation of the intestinal microbiome in obese pet owners and their obese pets.

**ESR 10:** The SIRT1 activator resveratrol in the treatment of obesity and diabetes.



**ESR 06:** Gene-Environment interactions in Eating Disorders and Obesity and their relationship with the reproductive functioning.

**ESR 08:** Evaluation of endocrine disruptors effects in animal models and their impact on consumer.

**ESR 12:** Valorisation of alternative, healthier and environmental compatible food production chain relying on typical sheep breeds in Abruzzo Region.

### Info

**DEADLINE: OCTOBER, 24 2016**

Call for application on: <http://repeat.unite.it>

Info: [repeat@unite.it](mailto:repeat@unite.it)



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University of Teramo

Co-funding institutions



Abruzzo Region