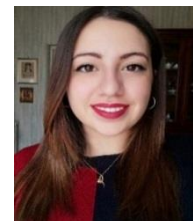


Effects of a pomegranate extract in models of intestinal inflammation *in-vitro* and *in-vivo*

Valeria Consoli ^{1*}

University of Catania, Italy.



Abstract

Inflammatory bowel diseases (IBDs) include Crohn's Disease and Ulcerative Colitis which are correlated with strong inflammatory conditions of the colon and small intestine. Even though IBDs are classified as idiopathic it has been hypothesized a multifactorial etiopathogenesis. Nowadays the treatment of IBD is based on drugs able to reduce symptoms and inflammation, but they are only palliative and can present several side effects. Current evidence strongly supports a role of polyphenols in the prevention of various diseases, including IBDs. Anti-inflammatory properties of polyphenols could contribute, as supportive therapy, to enhance the effects of the conventional therapeutic strategies to the management of IBD. Pomegranate is a fruit of great interest, due to its multiple beneficial effects on human health resulting from the high concentrations of bioactive compounds which can be found not only in the most common parts of the fruit but also in its waste products.

Speaker Publications:

1. "Evaluation of lipid and cholesterol-lowering effect of bioflavonoids from bergamot extract"

[3rd World Congress on Food and Nutrition](#); Webinar, June 15-16, 2020.

Abstract Citation:

Valeria Consoli, Effects of a pomegranate extract in models of intestinal inflammation *in-vitro* and *in-vivo*, Nutri Food 2020, 3rd World Congress on Food and Nutrition; Webinar, June 15-16, 2020.

<https://food-technology.nutritionalconference.com/2020>



Biography:

Valeria Consoli, master's degree in Pharmacy, Department of Drug Science, at University of Catania, Italy. She has completed a 9 months internship for an experimental thesis in the Biochemistry and Advanced Biology Lab of Drug Science Department, University of Catania. She is still collaborating as a researcher in the above-mentioned research lab under supervision of professors Luca Vanella and Valeria Sorrenti. She is listed as a co-author of a published paper in Natural Product Research Journal "Evaluation of lipid and cholesterol-lowering effect of bioflavonoids from bergamot extract".