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Research interest: *Interaction between gut microbiota and foods and consequences in human health.*

Dr. Selma has been working for more than 20 years in the field of microbiology. Her current research focuses on the study of the interaction between gut microbiota and foods and its effects against human diseases characterized by intestinal dysbiosis (inflammatory bowel disease, colon cancer, metabolic syndrome, obesity, cirrhosis and neurodegenerative diseases, etc).

This research includes analysis of:

- Gut microbiome and microbial metabolites in health and disease,
- Modulation of intestinal microbiota by dietary polyphenols *in vitro* and in human and animal intervention studies,
- Metabolism of dietary polyphenols by gut microbiota and analyses of interindividual differences,
- Isolation, identification and characterization of intestinal bacteria responsible for dietary polyphenol metabolism,
- Development and Safety of new probiotics, prebiotics, postbiotics and symbiotics.

Bibliographic indicators

<https://publons.com/researcher/2471610/maria-victoria-v-selma/>

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<https://www.scopus.com/authid/detail.uri?authorId=35811262400>

https://www.researchgate.net/profile/Maria_Selma

<https://scholar.google.es/citations?user=ppFCIUAAAAJ&hl=es>