

Academic Curriculum Vitae

Personal Information

Title Name: Prof. Vessela D. Kancheva, PhD
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Education

1990-1997 Doctor of Chemistry (PhD), IOCCP-BAS and N.N.Semenov Institute of Chemical Physics – Russian Academy of Sciences
1971-1976 Master of Chemistry (MSc), Dipl. Eng. Chem., University of Chemical Technology and Metallurgy (HTMU), Sofia, Bulgaria

Academic career

2018 - Full Professor, Institute of Organic Chemistry with Centre of Phytochemistry, Bulgaria Academy of Sciences (IOCCP-BAS)
2005-2018 Assoc. Professor, Institute of Organic Chemistry with Centre of Phytochemistry, Bulgaria Academy of Sciences (IOCCP-BAS)
2005-till now Leader of group "Lipid Oxidation Stability and Structure-Antioxidant Activity Relationship of Different Antioxidants"
1997-2004 Assistant Professor, IOCCP-BAS
1991-1996 Senior Research Associate, IOCCP-BAS

Research interests

- ❖ Determination of oxidative stability of lipids, fats, oils and all lipid containing products.
- ❖ Study the kinetics and mechanism of lipid oxidation in absence and in presence of pro-oxidants, anti-oxidants and surfactants.
- ❖ Combination of kinetic, spectral and theoretical methods to study the structure-activity relationships of various antioxidants.
- ❖ Design of new bio-antioxidants (individual compounds and antioxidant compositions of double and triple mixtures) for effective stabilization of lipids and for protection of human health.

Publications summary

Journal articles: 87
Book chapters: 13
Personal impact factor: 123
h-index: 13

Principle Investigator of Joint international projects with:

Russia: N.N.Semenov Institute of Chemical Physics and N.M.Emanuel' Institute of biochemical physics - Russian Academy of Sciences.

Germany: GSF-National Research Center for Environment and Health, Institute of Radiation Biology, Neuherberg. **Greece:** Aristotle University of Thessaloniki, Thessaloniki.

Spain: University of Santiago de Compostella, Santiago de Compostella.

India: Central Food Technological Research Institute (CFTRI), Mysore.

Italy: CNR Institute of Biomolecular Chemistry, Sassari and Catania; and Sapienza University of Rome; Universities of Sassari and Bologna.

Poland: Institute of Animal Reproduction and Food Research, Polish Academy of Sciences.

Membership in Scientific Organizations

Unions of the Chemists and of the Scientists in Bulgaria;

Deutsche Gesellschaft fuer Fettwissenschaft (DGF), Germany.

European Federation for Lipid Science and Technology (EuroFedLipid).

Expert of European Food Safety Authority (EFSA)..Bulgarian Phytochemical Society.

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