



**CREATIVE CARTOGRAPHY  
OF PROF. VESELINA GEORGIEVA GADZHEVA, D.H.N.  
Faculty of Medicine, Thracian University, Stara Zagora**

**DATE AND PLACE OF BIRTH:** April 3, 1953, Stara Zagora, Bulgaria

**EDUCATION:**

1971-1976 Higher University of Chemical Technology, Sofia, specialty "Organic synthesis";

1986 Specialty Medical Chemistry, Medical Academy, Sofia

**SUBSEQUENT SPECIALIZATIONS AND QUALIFICATIONS:**

1983 Postgraduate qualification "Pedagogy of Higher Medical Education";

1987 Post-graduate qualification "Molecular Spectral Analysis";

1992-1993 Nine months of specialization at the Department of Physiology, Tokai University, Japan;

1996-1997 Six months of specialization in Department of Pharmacology, University of Pittsburgh, America

**SCIENTIFIC DEGREE:**

1991, Doctor,

2006 "Doctor of Chemical Sciences"

**LOADING DEPOSITS:**

1982-1999 Assistant, Senior Assistant and Chief Assistant, Department of Chemistry and Biochemistry, Faculty of Medicine, Thracian University, Stara Zagora

Since 1999 - Associate Professor of Biochemical Chemistry, Chemistry of Natural and Physiologically Active Substances, Department of Chemistry and Biochemistry, Faculty of Medicine, Thracian University.

Since 2007 - Professor of Bioorganic Chemistry, Chemistry of Natural and Physiologically Active Substances, Department of Chemistry and Biochemistry, Faculty of Medicine, Thracian University.

Since 2003, Head of the Department of Chemistry and Biochemistry, Faculty of Medicine, Thracian University.

2002 - 2007 Deputy Rector of Nuclear Research at Thracian University.

2007 - 2011 Deputy Rector of NIMD of Thracian University

2011-2015 Deputy Dean of NIMD of the Faculty of Medicine, Thracian University

From 2015. - Deputy Rector of NIMD of Thracian University

**EXPERIENCE IN THE FIELD OF EVALUATION AND ACCREDITATION:**

2010- 2012 Chairman and Member of Expert Groups of NEAA

**MEMBERS:**

European Association for Cancer Research (EACR)

International Organization for Electronic Paramagnetic Resonance (EPR)

Union of Scientists in Bulgaria;

Member of the Faculty of Medicine of the Faculty of Medicine;

Member of the Academic Council of Thracian University;

From 2004 to 2011 she is a member of the Specialized Scientific Council of Pharmacy at the Higher Medical Academy.

**TEACHING ACTIVITY:**

Since 1999 - lecture course in Medical Chemistry;

lecture course on Environmental Protection;

a freely selectable course "Biologically active compounds".

Since 2001, Chairman of the Committee for the Evaluation of the Competition Exam in Chemistry at the Thracian University;

Since 2000 - Scientific supervisor of 6 PhDs.

#### SCIENTIFIC ACTIVITY:

##### AREAS OF SCIENTIFIC RESEARCH:

- 1) Study of the antioxidant activity of newly synthesized substances; Proof of Toxic Oxygen Species (ROS):  $-O_2$ , OH. and  $H_2O_2$ .
- 2) Investigation of mechanisms of oxidative stress in pathogenesis, progression and therapy of malignancies and other diseases; determination of oxidative stress indicators: levels of ROS and antioxidant enzymes SOD, CAT and GPx. Study of the role of these enzymes for the prognosis of the disease and for the reduction of the side toxic effects of the applied therapy.
- 3) Electron paramagnetic resonance (EPR), in the field of medicine. Investigation of the role of oxidative stress, free radicals and antioxidants in socially significant diseases and their therapy.

MAIN EDITOR of the journal Trakia Journal of Sciences

#### GUIDE TO SCIENTIFIC PROJECTS:

##### NATIONAL PROJECTS:

2006 - Project leader "EPR Spectroscopy in Medicine: Introduction of a New Approach to Prevention of Oxidative Stress Induced by Antitumor Therapy" - contract DRI-6-2006 between the Ministry of Education and Science.

2007 - Head of project "Minimal residual disease in patients with malignant diseases of the blood after conventional and myeloblasting therapy" under contract D01-881 / 2007 between the Ministry of Education and Science and the Technical University

##### INTERNATIONAL PROJECTS:

2008 - Head of the Bulgarian Institute of Indo-Bulgarian Inter-Governmental Program of Cooperation in Science and Technology, on the topic "Study on Antioxidants Against Oxidative Stress induced by Drugs and Radiation" under contract BIN-7/08 between MES and TU.

2009 Coordinator in a project entitled "Molecular imaging and radiation-induced photodynamic therapy of cancer using spin-labeled probes" under the Scientific Cooperation Agreement between the National Institute of Radiological Sciences, China, Japan and Medical Faculty, Trakia University, Stara Zagora, Bulgaria

PROJECTS under OP "Human Resources Development"

2012-2014 Gender Grant Scheme: SUPPORT FOR THE DEVELOPMENT OF DOCTORS, STUDENTS, SPECIALIZERS AND YOUNG SCIENTISTS, Contract BG051PO001-3.3.06-0006.

#### SCIENTIFIC WORK:

Author and co-author of 255 scientific papers; Impact Factor 123, 69;

Number of citations 682; h-index 16.

Prof. Vesselina Gadjeva, PhD