

Curriculum Vitae

Full name: Dimiter Vassilev Dimitrov



I. EDUCATION

- 2009** **Training in Systems Biology**, *Chalmers Technical University, Sweden*
Project title: Modelling Gut Microbiome in Obesity
- 2005** **Specialty of Endocrinology**, *University Hospital Varna, Bulgaria*
- 2002** **Training in Human Nutrition**, Department of Human Nutrition, Faculty of Life Science, *University of Copenhagen, Denmark*
Project title: "A randomized 10-wk trial with *ad libitum* intake of a low glycemic index diet effect in postprandial glycemia, insulinemia, energy expenditure and fullness compared with a high glycemic index diet"
- 2002** **Ph.D. in Endocrinology and Metabolic diseases**, *Medical University Varna, Bulgaria*
PhD thesis: "Leptin in the pathogenesis of the Metabolic syndrome"
- 2001** **Specialty of Internal Diseases**, *University Hospital Varna, Bulgaria*
- 1997** **Medical Doctor (MD)**, *Medical University Varna, Bulgaria*
- 1991** **BA of English Language**, *First English Language School, Varna, Bulgaria*

II. ACADEMIC POSITIONS & LECTURING EXPERIENCE

2006-2007 Assistant Professor, Department of Biochemistry, Molecular Medicine and Nutrigenomics, *Medical University Varna, Bulgaria*

2002-2006 Lecturer, Department of Endocrinology, *Medical University Varna, Bulgaria*

2001-2002 Research Associate, Department of Endocrinology, *Medical University Varna, Bulgaria*

III. AWARDS

- **EASO SCOPE Expert:** European Obesity Association Recognition as National Obesity Expert (www.scope-online.org) – 2006
- **Young Scientist Prize - 2003:** National Endocrinology Society of Bulgaria
- **Travel grants:** ISE (International Society of Endocrinology) 2004; EAS (European Atherosclerosis Society) 2005; EASO (European Association for the Study of Obesity) 2005
- **Best Scientific Yearly Achievement – 2007:** Municipality of Varna Region

IV. Funding ID

Grant Support as Principal Investigator

2005-2007	Funding body: National Science Fund Project title: “Diet, Stress and Metabolic Syndrome”
2006– 2007	Funding body: European 6 th Framework Programme Project title: NUTRIGEN “Nutrient-gene interactions underlying individual variation in response to food” www.nutrigenomics-bg.com

V. CLINICAL RESEARCH EXPERIENCE

1998 -2007 Consultant Endocrinologist, University Hospital Varna, Bulgaria

2003 -2007 Principal Investigator in Phase II-IV GCP Clinical Trials

VI. INDUSTRY EXPERIENCE

2007- 2009 Senior Research Scientist, Obesity Expert, *AstraZeneca R&D, Sweden*

VII. ENTREPRENEURSHIP

Dieticon AB www.dieticon.com - weight loss centre – founder

VIII EUROPEAN COLLABORATIONS

- 6TH Framework Integrated Project **DiOGenes** (Diet, Obesity, Genes)
- 6th Framework Network of Excellence **NuGO** (European Nutrigenomics Organisation)
- Public Health Genomics Network **PHGEN**

Publications List

Publications in International Scientific Journals (6)

- D. Dimitrov et al. “Effect of Orlistat on plasma leptin levels and risk factors for the metabolic syndrome”, *Metabolic Syndrome and Related Disorders Journal*, 2005, vol. 3, number 2, pp. 149-156
- D. Dimitrov “Stress, dietary habits and Metabolic syndrome” – *Biological Psychiatry and Psychopharmacology*, vol.2, 2006
- D. Dimitrov et al. “Nutrigenomics: DNA – based diet plan” *Biomedical Reviews*, 2007
- Dimitrov et al. “*Homo Obesus*: A metabotrophin-deficient species. pharmacology and nutrition insight”, *Curr Pharm Des*, 2007
- D. Dimitrov et al. “Screening for diabetic foot and osteoporosis in Bulgaria” *The Diabetic Foot Journal* Vol 10 No 1 2007
- D. Dimitrov et al. “Gutome: systems biology and nutrigenomics of gut microbiome – intestinal tissue interactions” *Journal of Nutrition and Metabolism*, 2010

Publications in Bulgarian Scientific Journals (8)

- D.Dimitrov “Role of oxidative stress in the pathogenesis of diabetes mellitus and its complications “ -review, *Endocrine Diseases*, 1998, 4, 3-12
- D.Dimitrov et al. “Leptin and cardiovascular risk factors among overweight diabetics”, *Bulgarian Endocrinology*, 2000, 1 ,6-11
- D.Dimitrov, L.Koeva “Leptin – the voice of adipose tissue” – review, *Bulgarian Endocrinology*, 2000, 1, 3-8
- D.Dimitrov, L.Koeva, H.Bochchelian “Effect of α -lipoic acid on EMG in diabetic patients”, *Modern Medicine*, 2001, 1, 3-11
- D.Dimitrov, L.Koeva, T.Rousseva “OBES – Orlistat Bulgarian Estimation Study“, *Bulgarian Endocrinology* 2002, 2, 7-11

Academic Manuals for medical students at University of Varna (2)

Book Chapters (1)

- “Implications for the future of obesity management: metabotrophic and nutrigenomic insight into Home Obesus” in “Peptides in Energy Balance and Obesity”, *Frontiers in Nutritional Science*, editor Gema Fruhbeck

Invited Lectures (10)

- D. Dimitrov "Chronic stress, dietary habits and metabolic syndrome" Invited Lecture at 4th *ISPNE (International Society of Psychoneuroendocrinology) Regional Congress for Eastern and Central Europe 2006* "Stress and psychoendocrine changes across the life cycles", Vilnius, Lithuania
- D. Dimitrov "Anti-inflammatory diet and adiponectin: nutrigenomics overview" Invited Lecture at *European Congress on Obesity, Budapest 2007, Hungary*

Presentations in Conferences (21)

- *Euroconference on Obesity, 25-27.11.1999, Paris, France:* D.Dimitrov, L.Koeva "Plasma leptin concentrations – effect of gender and menopause "
- *European Congress on Obesity, Antwerp, Belgium 24-27.05.2000:* D.Dimitrov et al. "Leptin and cardiovascular risk factors among overweight diabetics" abstract book "International Journal of Obesity" 2000, vol.24, suppl.1 (The last work was accepted also for presentation at the International Congress on Obesity in Essen, Germany (March 2000) and at the International Symposium of Atherosclerosis in Stockholm, Sweden (June 2000).
- *5th European Congress of Endocrinology, Turin, Italy, June 2001:* D.Dimitrov, L.Koeva, H.Bohchelian " Leptin and bone mineral density in obesity "
- *72th European Atherosclerosis Congress, May 2001, Glasgow, UK:* D.Dimitrov, L.Koeva, T.Kovatcheva, T.Rousseva " Effect of orlistat on insulin resistance, cardiovascular risk factors and plasma leptin levels in obese type 2 diabetic subjects "
- *VIIIth International Symposium on Insulin Receptors and Insulin Action, Geneva, Switzerland, May 2001:* D.Dimitrov, L.Koeva, T.Rousseva " Leptin and the Insulin Resistance Syndrome "
- *11th European Congress on Obesity, Viena, Austria, May 2001:* D.Dimitrov, L.Koeva, T.Kovatcheva, T.Rousseva " Effect of orlistat on insulin resistance, cardiovascular risk factors and plasma leptin levels in obese type 2 diabetic subjects"
- *10th Balkan Congress of Endocrinology, 1-3 October , Istanbul, Turkey:* D.Dimitrov, L.Koeva " Is leptin a risk marker for coronary heart disease"
- *10th World Congress of Menopause, Berlin 2002:* D.Dimitrov, L.Koeva "Prevalence of hyperleptinemia among postmenopausal obese women"
- *9th International Congress of Obesity, Brazil, August 2002:* D.Dimitrov, L.Koeva " Gastrointestinal side effects of Orlistat can be reduced with Ispanghula Husk (Mucofalk)"
- *13th European Congress on Obesity, 26 – 29 May, 2004, Prague, Czech Republic:* Birgitte Sloth, Inger Krog-Mikkelsen, Dimitar Dimitrov, Anne Flint, Inge Tetens, Inger Björck, Sophie Vinoy, Helena Elmståhl, Arne Astrup, Vincent Lang, Anne Raben. Effect

of low vs high glycemic index diets on postprandial appetite and energy expenditure.”

- *Albena International Symposium, Varna Bulgaria (Satellite Symposium of European Congress of Obesity, Prague), June 2004:* D. Dimitrov “Adipocytokines and metabolic syndrome”
- *International Congress of Endocrinology, Lisbon, Portugal 2004:* D. Dimitrov, L. Koeva “Combined therapy for morbid obesity –a case report”,
- *4th Nordic Obesity Meeting, October 22-23 2004, Copenhagen:* Inger Krog-Mikkelsen, Birgitte Sloth, Dimiter Dimitrov, Jens Juul Holst, Anne Flint, Inge Tetens, Inger Björck, Helena Elmståhl, Arne Astrup, Anne Raben. Effects of low vs. high glycemic index diets on appetite and energy expenditure.”
- *1st International Congress “Prediabetes and the Metabolic syndrome”, April 2005, Berlin, Germany:* D. Dimitrov, L. Koeva. Prevalence of metabolic syndrome among type 2 diabetics”
- *4th International Symposium on Obesity and Hypertension, ISOH`05, Berlin, Germany, 2005:* D. Dimitrov “Hyperleptinemia and hypertension in metabolic syndrome subjects”
- *European Congress of Endocrinology, 2006, Glasgow, UK:* D. Dimitrov, L. Koeva “Dietary supplements for stress and obesity co-morbidities reduction”
- *XIV International Symposium on Atherosclerosis, June 2006, Rome, Italy,* D. Dimitrov “ Effect of omega 3 fatty acids on risk factors for the Metabolic syndrome”
- *10th International Congress on Obesity, Sydney, Australia 2006* D. Dimitrov “Stress and obesity co-morbidities reduction through diet”