



CURRICULUM VITAE



Personal information

Name **Veselin Dimitrov Petrov**

E-mail vpetrov@plantgene.eu

Nationality Bulgarian

Date of birth 26.12.1983

Sex male

Work experience

Date 01 March 2017 – present

Position Postdoctoral researcher

Employer Center of Plant Systems Biology and Biotechnology (CPSBB), Plovdiv, 139 “Ruski” blvd.

Type of activity Funding and research

Date 25 August 2014 – present

Position Chief assistant professor

Employer Agricultural university, Plovdiv, 12 “Mendeleev” blvd.

Type of activity Education and research

Date October 2013 – July 2014

Position Part-time assistant professor

Employer University of Plovdiv “Paisii Hilendarski”, Plovdiv, 24 “Tsar Asen” str.

Type of activity Education

Date 01.01.2013 – 31.08.2014
Position Molecular biologist
Employer Institute of Molecular Biology and Biotechnology (IMBB), Plovdiv, 105
“Ruski” blvd.
Type of activity Research

Date February 2008 - May 2009
Position Biologist
Employer University of Turin, via Academia Albertina 13, Turin 10123, Italy
Type of activity Research

Date September 2006 - February 2008
Position Biologist
Employer University of Plovdiv “Paisii Hilendarski”, Plovdiv, 24 “Tsar Asen” str
Type of activity Research

Education

Date March 2010 - September 2013
Degree PhD in Molecular Biology
Main subjects molecular biology, molecular plant physiology, molecular bases of plant stress
Educational institution University of Plovdiv “Paisii Hilendarski”

Date October 2006 - January 2008
Degree MSc, Molecular biology and biotechnologies
Main subjects molecular biology, phytopathology, molecular bases of plant stress
Educational institution University of Plovdiv “Paisii Hilendarski”

Date October 2002 - July 2006
Degree Bachelor in Molecular biology
Main subjects Molecular biology, biochemistry, microbiology, plant physiology
Educational institution University of Plovdiv “Paisii Hilendarski”



Language skills

Foreign languages
self-assessment

European level if available (*)

English

Italian

German

French

comprehension				speaking				writing	
listening		reading		conversation		monologue			
C2	excellent	C2	excellent	C2	excellent	C2	excellent	C2	excellent
C1	excellent	C1	excellent	C1	excellent	C1	excellent	C1	excellent
	good		excellent		good		good		good
	good		excellent		good		good		good

[levels: excellent, good, basic]

Additional information

References:

1. Prof. Dr. Andon Vassilev, Agricultural University, Plovdiv, (a_vasilev2001@yahoo.com)
2. Assoc. Prof. Dr. Tsanko Gechev, University of Plovdiv, (tsangech@uni-plovdiv.bg)
3. Assoc. Prof. Dr. Nasya Tomlekova, Maritsa Vegetable Crop Research Institute, Plovdiv, (nasia.tomlekova@gmail.com)
4. Prof. Dr. Isabelle Perroteau, University of Turin, Italy, (isabelle.perroteau@unito.it)
5. Prof. Dr. Frank van Breusegem, University of Ghent, Belgium, (frbre@psb.ugent.be)

Scientific interests

signal transduction, cell death, reactive oxygen species

International experience

Belgium, University of Ghent (Plant system biology department), 2 months, May-July 2010

Germany, Max Plank Institute of Molecular Plant Physiology, 3 months, July-September 2010

Germany, Max Plank Institute of Molecular Plant Physiology, 3 months, September-December 2011

Belgium, University of Ghent (Plant system biology department), 6 months, October 2011-April 2012

Switzerland, University of Zurich, 1 month, August 2013

Germany, University of Potsdam, 20 days, June 2016

Participation in international projects	<p>H2020, Widespread Teaming, Project PlantaSYST, “Establishment of a Center of Plant Systems Biology and Biotechnology for the translation of fundamental research into sustainable bio-based technologies in Bulgaria”, 2017-2024</p> <p>German Federal Ministry of Education and Research (BMBF), Plant-INNO, “Strengthening the research and innovative capacity of Plant Systems Biology and Biotechnology in Plovdiv, Bulgaria”, 2016-2018</p> <p>Swiss National Science Foundation (SNSF) and the Bulgarian Ministry of Education and Science, Grant IZEBZ0_143003/1, “Identification of genes that regulate plant tolerance to adverse abiotic factors and determine plant aging”, 2013-2016</p> <p>FP7, Project Biosupport 245588, “Strengthening the University of Plovdiv research potential in plant systems biology and food biotechnology”, 2009-2013</p> <p>German Academic Exchange Service (DAAD) and National Science Fund of Bulgaria, DO02-330, “Functional analysis of transcription factors involved in plant development, stress responses and cell death”, 2008-2010</p>
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Publications in the last 5 years:

Petrov V, Qureshi MK, Hille J, Gechev TS (2018) Occurrence, biochemistry and biological effects of host-selective plant mycotoxins. *Food and Chemical Toxicology* 112, 251-264

Koleva-Valkova L, Piperkova N, **Petrov V**, Vassilev A (2017) Biochemical responses of peach leaves infected with *Taphrina deformans* Berk/Tul. *Acta Universitatis Agriculturae et Silviculturae Mendelianae Brunensis*, 65 (3), 871-878

Petrov V, Hille J, Mueller-Roeber B, Gechev TS (2015) ROS-mediated abiotic stress-induced programmed cell death in plants. *Front. plant sci.* 6, 69

Koleva-Valkova L, **Petrov V**, Stankova G (2015) Influence of fertilization with organic fertilizer on the contents of biochemical parameters in potatoes *Agrarni nauki* 7 (18), 57-66

Ivanov, I, Benina, M, **Petrov V**, Gechev TS, Toneva V (2014) Metabolic responses of *Gloxinia perennis* to dehydration and rehydration. *Comptes rendus de l'academie bulgare des sciences* 67 (12), 1657-1662

Petrov V, I. Denev, M. Draganov, O. Timina, I. Panchev, N. Tomlekova (2013) Molecular characterization of advanced mutants for early detection of high beta-carotene content in pepper breeding programs. *Comptes rendus de l'Académie bulgare des sciences: sciences mathématiques et naturelles* 66(2):303-310.

Benina M, Obata T, Mehterov N, Ivanov I, **Petrov V**, Toneva V, Fernie A, Gechev T (2013) Comparative metabolic profiling of *Haberlea rhodopensis*, *Thelunghiella halophyla*, and *Arabidopsis thaliana* exposed to low temperature. *Frontiers in Plant Science* doi: 10.3389/fpls.2013.00499

Petrov V, Schippers J, Benina M, Minkov I, Mueller-Roeber B, Gechev T (2013) In search for new players of the oxidative stress network by phenotyping an *Arabidopsis* T-DNA mutant collection on reactive oxygen species-eliciting chemicals. *Plant Omics* 6(1):45-54.

Benina M, **Petrov V**, Toneva V, Gechev T (2013) *Haberlea rhodopensis*: a resurrection species and glacial relic with extraordinary tolerance to desiccation and low temperature stress In: *Biotechnology of neglected crop species*, Dutta Gupta (Ed.) Pages 61-70.