

РАДОВИ У МЕЂУНАРОДНИМ
ЧАСОПИСИМА

M21a

Rioja C, Zhurov V, Bruinsma K, Grbić M, Grbić V. (2017). Plant-herbivore interaction: a case of an extreme generalist, the two-spotted spider mite, *Tetranychus urticae*. **Molecular Plant Microbe Interaction** doi: 10.1094/MPMI-07
i.f.= 4.332

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i.f.= 3.154

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i.f.= 9.661

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i.f. = 1.443

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i.f. = 1.231

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<p>РАДОВИ САОПШТЕНИ НА МЕЃУНАРОДНИМ СКУПОВИМА</p>	<p>Grbić M. Genomics approaches in modern Entomology: from Biotechnology and pest control to new materials and understanding of the evolution of complex developmental programs. Congreso Nacional de Entomologia Aplicada, Logrono, Spain 16-20 Octobre 2017.</p> <p>Grbić M. Genomic approaches in chelicerates and insects: from biotechnology and pest control to new materials and understanding of the evolution of complex developmental programs. 61st Annual Meeting of the Japanese Society of</p>

	<p>Applied Entomology and Zoology. Tokyo Japan March 27-30 2017.</p> <p>Grbić M. Genomic-based strategies to control global high-risk pest the two-spotted spider mite (tssm), <i>Tetranychus urticae</i> and other pest mites. 61st Annual Meeting of the Japanese Society of Applied Entomology and Zoology. Tokyo Japan March 27-30 2017.</p> <p>Grbić M. Next generation technologies for spider mite pest control: how spider mite genome project is changing approaches to control of phytophagous mites. Plenary talk; Panhellenic Entomological Congress, Heraklion, Creta, Greece 20-23 October 2015</p> <p>Grbić M. Next generation technologies for spider mite pest control: how spider mite genome project is changing approaches to control of phytophagous mites. Fifth Meeting of the IOBC- WPRS Working Group "Integrated Control of Mite Pests" in Castellón de la Plana, Spain, September 7th to 10th 2015</p> <p>Grbić M. The genome signature of polyphagy and monophagy: spider mite comparative genomics International Society of Chemical Ecology, Urbana Champaign, USA July 8-12 2014.</p> <p>Grbić M. Whole genome sequencing of spider mites: how spider mite genomes can contribute to the IPM? From biotechnology, novel tools to understand plant-pest interaction to new biomaterials VII Meeting of the IOBC- WPRS Working Group " Pome fruit arthropods" and "Stone fruits " Vienna, Austria, 6-10 October 2014.</p> <p>Grbić M. Whole genome sequencing of spider mites: From arthropod genome evolution to biotechnology and new biomaterials. Illumina European Scientific Summit Prague, Czech Republic, 13 – 15 May, 2014.</p> <p>Grbić M. Whole genome sequencing of spider mites: From genome evolution to biotechnology and new biomaterials. 2nd CNAG symposium on genome research: epigenomics, CNAG, Barcelona, Spain, February 20 2014.</p> <p>Grbić M. Whole genome sequencing of spider mites: From genome evolution to biotechnology and new biomaterials. Lausanne Genomic Days, University of Lausanne, Switzerland, February 13 2014.</p> <p>Grbić, M., Genome sequencing of the spider mite <i>Tetranychus urticae</i>: opportunities for development of alternative pest control strategies. Joint Annual Meeting of the Entomological Society of Canada (ESC) and Entomological Society of Ontario, Guelph, Canada 21 October 2013.</p>
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	<p>program to developmental novelties and biotechnology applications. University of Tübingen, Germany June 26 2008.</p> <p>Grbić M. Evolution of arthropod development: from an ancestral developmental program to developmental novelties and biotechnology applications. University of Innsbruck, Austria June 17 2008.</p> <p>Grbić M. Evolution of arthropod development: from ancestral developmental program to developmental novelties. University of Vienna, Austria, March 3 2008.</p> <p>Grbić M. New tools for biotechnology: Whole genome sequencing of spider mite <i>Tetranychus urticae</i>, major agricultural pest. Devgen, Biotech Company, Gent, Belgium, December 12 2007.</p> <p>Grbić M. Evolution of arthropod development: from ancestral developmental program to developmental novelties. Universidad Politécnica de Madrid, Spain, November 23 2007.</p> <p>Grbić M. Evolution of arthropod development: from ancestral developmental program to developmental novelties. University of Halle, Germany, July 17 2007.</p> <p>Grbić M. Evolution of arthropod development: from ancestral developmental program to developmental novelties. University of Gent, Belgium, June 11 2007.</p> <p>Grbić M. Evolution of arthropod development: from ancestral developmental program to developmental novelties. University of Lausanne, Department of Ecology and Evolution, Switzerland, November 21 2006.</p> <p>Grbić M. Evolution of arthropod development: from ancestral developmental program to developmental novelties. Institut de Recherche sur la Biologie de l'Insecte, Tours, France July 31 2006.</p> <p>Grbić M. Evolution of developmental mechanisms in arthropods. University of Reading, UK, July 5 2006.</p> <p>Grbić M. Evolution of arthropod development: from ancestral developmental program to developmental novelties. CNRS, Villefranche-sur-mer, France, June 15 2006.</p> <p>Grbić M. Evolution of arthropod development: from ancestral developmental program to developmental novelties. University of Nurnberg-Erlangen, Department of Biology, Germany, July 11 2005.</p>
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РЕЗУЛТАТИ У РАЗВОЈУ ОБРАЗОВНО-НАУЧНЕ ОБЛАСТИ	<p>Miodrag Grbić je završio osnovne studije na Poljoprivrednom fakultetu Univerziteta u Novom Sadu na odseku za Zaštitu bilja i odbranio magistarski rad u oblasti entomologije 1988 godine. Kao Fulbrajtove stipendista odlazi na doktorske studije u USA na univerzitet Madison Wisconsin gde brani doktorat 1995 godine u oblasti molekularne biologije kao "double major" na Biologiji razvića i Entomologiji. Tokom 1996. godine kao stipendista Human Frontier in Science radi postdoktorske studije na Univerzitetu u Kembridžu (UK) u Wellcome Trust Institute. Na Univerzitetu Western Ontario (Kanada) 1998. godine je izabran za docent, gde vodi program genomike artropoda. Već 2003. godine je izabran za vanrednog profesora na istom univerzitetu. Profesor Grbić inicira projekt sekvenciranja prvog genoma helicerata, kopričinog</p>

	<p>preglja, <i>Tetranychus urticae</i> finansiranog od United States Department of Energy 2006 godine. Kao koordinator genomskog konzorcijuma organizator je 9 međunarodnih kongresa o genomu koprivinog preglja i nastavlja da vodi ovaj genomski konzorcijum. Profesor Grbić je dobitnik više nagrada za svoj naučni rad uključujući: Premier's Research Excellence Award 2000; Ministry of Energy, Science and Technology Ontario, (Canada), Marie Curie Incoming International Fellowship (EU), OECD research fellowship (International), Vanguard award for biotechnological development (Canada).</p> <p>Profesor Grbić objavljuje radove u vodećim naučnim časopisima uključujući Nature, PNAS, E-life i Development. Takodje je dao doprinos novim genomskim tehnologijama gde ima dva međunarodna patenta i osnivač je startup kompanije Nanomitech. Profesor Grbić je recenzent projekata H2020 (EU), NSF (USA), NIH (USA), NSERC (Canada) i drugih agencija koje finansiraju naučna istraživanja. Takodje, profesor Grbić je gostujući profesor na Univerzitetu u La Rioji, Španija i Investigador vinculado de CSIC, Španija. Profesor Grbić je osmislio i razvio više univerzitetskih kurseva uključujući kursrvr iz Genomike i Himane molekularne genetike, a predavač je na doktorskim kursevima na Univerzitetu u La Rioji i u Gulbenkian Institute (Portugal) doktorski program.</p> <p>Uspostavljanje zajedničkog PhD programa iz Bioinformatike između `University of Western Ontario (Canada)` i `University of Ghent (Belgium)` (2014).</p> <p>2) Razvio je i predaje kurs Humane molekularne genetike (Bio4560B) na `University Western Ontario`.</p> <p>3) Razvio je i predaje potpuno novi kurs Genomike na `University Western Ontario`.</p> <p>U poslednjih pet godina bio je mentor i rukovodio sa 5 master teza, dve doktorske disertacije i angažovao je 7 postdoktoranata na naučnim projektima. Ocene studenata u poslednje tri godine su izmedju 4.8-6.0 (max. 6.0).</p>
<p>ЦИТИРАНОСТ НАУЧНИХ РЕЗУЛТАТА</p>	<p>Radovi profesora Grbića su citirani preko 2000 puta. H indeks je 23 i i10 indeks 33.</p>

МЕЂУНАРОДНА РЕПУТАЦИЈА	ГОСТ УРЕДНИК МЕЂУНАРОДНОГ ЧАСОПИСА	Section Editor, Journal Arthropod Structure and Development, Elsevier (2006- current)
	ПРЕДСЕДАВАО МЕЂУНАРОДНИМ НАУЧНИМ КОНФЕРЕНЦИЈАМА	Profesor Grbić je inicijator i organizator devet Spider mite genome International meetings, koji se organizuju svake godine od 2009. Takodje je organizator medjunarodne konferencije: "International Conference on Vranac and other Montenegrin autochthonous grapevine varieties" održane 20-22. 11. 2017 u Podgorici u Crnoj Gori.
	ЧЛАНСТВО У УРЕЂИВАЧКИМ ОДБОРИМА МЕЂУНАРОДНИХ НАУЧНИХ ЧАСОПИСА	Section Editor, Journal Arthropod Structure and Development, Elsevier (2006- current)
	АУТОР МЕЂУНАРОДНЕ МОНОГРАФИЈЕ	<p>Nagy, L.M. and Grbic, M. (2001) "Embryogenesis." In: Encyclopedia of Insects, eds. Vincent Resh and Ring Cardé, Academic Press: San Diego.</p> <p>Nagy, L. and Grbic, M. (1999) Cell lineages in larval development and evolution- Insects. In: The origin and evolution of larval forms. (B.K. Hall and M.H. Wake eds). Academic Press 275-300.</p> <p>Strand, M.R., Grbic, M.(1997) Development and life history of polyembryonic parasitoids. In: Parasites: Effect on Host Endocrinology and Behaviour.(N. Backage editor) Chapman and Hall, New York. 37-56</p>
НАПОМЕНА		<p>Tehnološki razvoj: Profesor Grbić je razvio 3 medjunarodna patenta:</p> <p>Grbic M, Van de Peer Y, Rombauts S, Grbic V (2010) Spider mite silk proteins, EP2483297 A1</p> <p>Grbic M, Grbic V, Hilson P, Rombauts S, Van de Peer, Y (2010) Method to control spider mites, EP2488647 A1</p> <p>Van Leeuwen T, Bryon A, Grbic M, Van de Peer Y (2013) A novel class of antifreeze proteins. European Patent Application, EP13189511.2</p> <p>i osnivač je biotehnoske startup kompanije Nanomitech.</p>