

## **Dr Ksenija Taški - Ajduković**

Department of Biotechnology, Institute of Field and Vegetable Crops, Novi Sad, Serbia

*Title:* Principal Research Fellow

### **Education:**

- 2005 Ph.D. in Biology, Faculty of Biology, University of Belgrade
- 1999. M.Sci in Biochemistry, Faculty of Natural Sciences, University of Novi Sad
- 1995. B. Sc (Biology): Faculty of Natural Sciences, University of Novi Sad

### **Work history:**

- 2011- Principal Research Fellow, Department of Biotechnology, Institute of field and vegetable crops, Novi Sad
- 2008- 2010 Acting head of laboratory for seed testing, Institute of field and vegetable crops, Novi Sad
- 2004-2008 Head of Laboratory for biotechnology, National laboratory for seed testing
- 2003-2004. Research Associate in National laboratory for seed testing
- 2001-2003. Research Assistant in Laboratory for tissue culture, Institute of field and vegetable crops, Novi Sad
- 1995-2001. Research Trainee, Department of Biochemistry, Institute of Biology, the University of Novi Sad

### **Scientific field:**

- application of protein and DNA markers in breeding of field crops (sugar beet, alfalfa, sunflower, grain legumes, soybean and etc.), plant genetic resources and plant protection
- gene expression under water stress in sugar beet
- Reaction of sugar beet to water deficit
- plant tissue culture
- variety testing and GMO detection

### **Specializations and other forms of scientific and expert education:**

- February-May 2001. Specialization in Laboratory of Cell Biology, Institute of Cell Biology Institute of Histology and Gen. Embryology, University of Bologna, Italy

- ISTA workshop on Variety Testing “Way to the Future”, Bassersdorf, Switzerland, September 29<sup>th</sup> to October 1<sup>st</sup>, 2003
- GMO workshop, Applied Biosystems, Ljubljana, Slovenia, 24-26. November, 2003
- 5<sup>th</sup> International post-graduate course on “BIOTECHNOLOGY IN AGRICULTURE: PLANTS & MICROORGANISMS” held at the Rehovot, Israel, January 13–March 2, 2004 grand from Ministry of Foreign Affairs, Israel
- Workshop on Electrophoretic and PCR-based Methods for Varietal detection and GMO Detection, Ljubljana, Slovenia, 10-14 July, 2004
- ISPRA Workshop „The Analysis of Food and Feed Samples for the Presence of Genetically Modified Organisms“ Nicosia, Cyprus, 01 – 06 June, 2005
- ISTA Workshop on Statistical Aspects of GMO Detection, St. Luis, USA 17-19.11. 2005
- ISTA Workshop “Molecular markers for variety identity and purity” Bologna, Italy 10-13.06. 2009
- qPCR Experience workshop; Real-Time application in plant Biology, BioSistematika, Slovenia 15-16.06.2011

#### **Memberships:**

- Member of the „Variety Committee“ - technical committee for variety testing in the **International Seed Testing Association (ISTA)**
- Editorial board member of the **International Journal of Plant Research, Life Science** and **Field Crop Research**
- Membership in societies: European Federation of Biotechnology, Federation of European Societies of Plant Physiology (FESPB), Serbian Genetics Society, Serbian society for plant physiology
- Reviewer in: Plant Cell Reports, International Research Journal of Biotechnology, Biotechnology Progress, International Research Journal of Plant Science, Electronic Journal of Biotechnology, Meet Science etc

#### **Publication:**

- Author and co-authored over 170 articles published in research journal and scientific conference
- Authored 12 gene probes
- Participated in writing two international and three national monographs.
- Editor of book „Applications of molecular markers in plant genome analysis and breeding“