

**Name and Surname of Team member:** Borut Bohanec

**Scientific Personal Identification Number:** ARRS 09565

**Academic title:** PhD, Professor

**Year and institution of PhD obtained:** 1991 Univ. of Belgrade, PMF

**Address:** Biotechnical Faculty, Jamnikarjeva 101, 1000 Ljubljana

**E-mail:** Borut.Bohanec@bf.uni-lj.si

**Total number of publications (WoS - Thomson Reuters):** 66 sci. articles

**Total number of citations and h-index (WoS - Thomson Reuters):** 768, h=16

**Five selected publications:** DUANGJIT, Janejira, WELSH, Kent, WISE, Mitchel L., BOHANEK, Borut, HAVEY, Michael J. Genetic analyses of anthocyanin concentrations and intensity of red bulb color among segregating haploid progenies of onion. *Molecular breeding*, 2014 34: 75-85.

SUSIČ, Nik, BOHANEK, Borut, MUROVEC, Jana. Agrobacterium tumefaciens-mediated transformation of bush monkey-flower (*Mimulus aurantiacus* Curtis) with a new reporter gene ZsGreen. *Plant cell, tissue and organ culture*, 2014, 116: 243-251.

KOŠMRLJ, Kristina, MUROVEC, Jana, BOHANEK, Borut. Haploid induction in hull-less seed pumpkin through parthenogenesis induced by X-ray-irradiated pollen. *Journal of the American Society for Horticultural Science*, 2013, 138:

ŠKOF, Suzana, ČERENAK, Andreja, JAKŠE, Jernej, BOHANEK, Borut, JAVORNIK, Branka. Ploidy and sex expression in monoecious hop (*Humulus lupulus*). *Botany*, 2012, vol. 90, no. 7, str. 617-626.

HIRSCHEGGER, Pablo, JAKŠE, Jernej, TRONTELJ, Peter, BOHANEK, Borut. Origins of *Allium ampeloprasum* horticultural groups and a molecular phylogeny of the section *Allium* (*Allium*: Alliacea). *Molecular phylogenetics and evolution*, 2010, 54: 488-497

**Other papers:** MUROVEC, Jana, BOHANEK, Borut. Haploids and doubled haploids in plant breeding. In: ABDURAKHMONOV, Ibrokhim Y. (ur.). *Plant breeding*. Rijeka, Croatia: InTech, cop. 2012, 87-106.

**Work experience:** Predominant research area focused on improvement of biotechnological procedures used in plant breeding. Particularly focused on methods of haploid induction in onion, brassicas, cucurbits and other species, but also on research of molecular characterization of cultivated species and their wild relatives.

**Education:** Bachelor of agronomy 1979 (Ljubljana); Master of Genetics of agricultural plants 1987 (Ljubljana); Ph. D. Biology 1991 (Beograd)

**Training:** Various in Japan/Austria/USA

**Research and other project:** As project leader or senior research fellow of a large number of national, international in bilateral projects including national coordinator of EU project. Details on Cobiss <http://izumbib.izum.si/bibliografije/Y20160524102423-09565.html>

**Teaching:** Professor of plant breeding and plant biotechnology at Biotechnical Faculty, Ljubljana on studies of all three levels for agronomists and biotechnologists. Supervisor on 12 Ph.D. theses

**Membership in science organizations and bodies:** EUCARPIA; ISHS; PCTC&B