

# **VOL XIV 2006 Supplement 1**

## **Application of biotechnology in breeding cultivars suitable for sustainable fruit production breeding cultivars suitable for sustainable fruit production**

### [Potential applications of modern biological techniques in breeding fruit trees](#)

Uri Lavi, Slava Gurevitz, Giara Ben Ari, David Saada, Khalib Kashkush, Tali Paz Te Twito, Yuval Cohen, Jossi Hillel, Giora Simchen

### [Transposon insertion polymorphism as a new source of molecular markers](#)

Dariusz Grzebelus

### [cDNA arrays and PCR-select applied for characterization of agricultural features in plants](#)

Jan Podkowiński, Agnieszka Żmieńko, Magdalena Bejger, Marek Figlerowicz, Andrzej B. Legocki

### [RAPD and ISSR markers of black and green colour of blackcurrant \(\*Ribes nigrum\*\) fruits](#)

Sylwia Keller-Przybyłkiewicz, Małgorzata Korbin, Józef Gwozdecki

### [Using simple generated RAPD markers to distinguish between sweet cherry \(\*Prunus avium\* L.\) cultivars](#)

Anna Lisek, Małgorzata Korbin, Elżbieta Rozpara

### [Assessment the genetic diversity of Bulgarian raspberry germplasm collection by microsatellite and RAPD markers](#)

Ilian Badjakov, Elena Todorovska, Violeta Kondakova, Raina Boicheva, Atanas Atanassov

### [Gene transfer as an important approach to resistance breeding in apple](#)

Henryk Flachowsky, Viola Hanke

### [Assessment of gerbera plants genetically modified with TSWV nucleocapsid gene](#)

Małgorzata Korbin

### [Transformation of quince \(\*Cydonia oblonga\*\) with the rolb gene-based constructs under different promoters](#)

Ausra Ražanskienė, Grazina Stanienė, Rytis Rugienius, Dalia Gelvonauskienė, Irena Zalunskaitė, Jurgita Vinskienė, Vidmantas Stanys

### [Microclonal propagation of \*Vaccinium\* sp. and \*Rubus\* sp. and detection of genetic variability in culture in vitro](#)

Alena Gajdošová, Mária Gabriela Ostrolucká, Gabriela Libiaková, Emília Ondrušková, Daniel Šimala

### [The effect of genotype and medium on plant regeneration from androgenic embryos](#)

Dorota Krzyżanowska, Krystyna Górecka, Waldemar Kiszczak, Urszula Kowalska

### [Embryo rescue techniques in \*Prunus\* l. breeding](#)

Natalia Kukharchyk, Manana Kastrickaya

### [Hormonal control of gummosis in Rosaceae](#)

Marian Saniewski, Junichi Ueda, Kensuke Miyamoto, Marcin Horbowicz, Jerzy Puchalski

### [Application of bioinformatics in fruit plant breeding](#)

Dimitar Vassilev, Asen Nenov, Atanas Atanassov, George Dimov, Lubomir Getov

[Automated modeling of genetic control in \*Arabidopsis thaliana\*](#)  
Katarzyna Bożek, Anna Gambin, Bartek Wilczyński, Jerzy Tiuryn