

Analysis of maize meiotic mutants to fix heterosis

Ronceret, Arnaud; Golubovskaya, Inna; **Timofejeva, Ljudmilla** 58th Annual Maize Genetics Conference : program and abstracts : March 17 - March 20, 2016, Hyatt Regency, Jacksonville, Florida 2016 / p. 42
http://maizegdb.org/maize_meeting/abstracts/2016Program.pdf

Application of the pathogen Trojan horse approach in maize (*Zea mays*)

Linde, Karina van der; Egger, Rachel L.; **Timofejeva, Ljudmilla**; Walbot, Virginia Plant signaling & behavior 2018 / art. e1547575, 4 p. : ill <https://doi.org/10.1080/15592324.2018.1547575> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Biomolecular interpretation of the Trojan horse myth : use of *Ustilago maydis* to analyze the function of maize (*Zea mays*) MAC1

Linde, Karina van der; Egger, Rachel L.; **Timofejeva, Ljudmilla** 58th Annual Maize Genetics Conference : program and abstracts : March 17 - March 20, 2016, Hyatt Regency, Jacksonville, Florida 2016 / p. 50
http://maizegdb.org/maize_meeting/abstracts/2016Program.pdf

Calculations of activation energy and frequency factors for corn leaf pyrolysis using excel solver: new concept

Al-Ayed, Omar Salim; Amer, Mohammad Waleed; **Maaten, Birgit**; Ahmed, Muhammad Sajjad International journal of chemical reactor engineering 2021 / p. 799–807 <https://doi.org/10.1515/ijcre-2020-0140> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Characterization of novel anther mutants in maize

Moon, Jihyun; **Timofejeva, Ljudmilla**; Lee, Sidae 53rd Annual Maize Genetics Conference Abstracts : St. Charles, Illinois, USA, March 17-20, 2011 2011 / p. P096

Combinational inhibitory action of *hedychium spicatum* L. essential oil and γ -radiation on growth rate and mycotoxins content of *fusarium graminearum* in maize: response surface methodology

Kalagatur, Naveen K.; Kamasani, Jalarama R.; Siddaiah, Chandranayaka; **Gupta, Vijai Kumar**; Krishna, Kadirvelu; Mudili, Venkataramana Frontiers in microbiology 2018 / art. 1511, 15 p. : ill <https://doi.org/10.3389/fmicb.2018.01511> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Comparative study of cereal varieties by analytical separation methods and chemometrics = Teraviljasortide võrdlev uurimus analüütiliste lahutusmeetodite ja kemomeetria abil

Levandi, Tuuli 2013 <https://digi.lib.ttu.ee/i/?899> https://www.ester.ee/record=b2948245*est

Cytological characterization and allelism testing of anther developmental mutants identified in a screen of maize male sterile lines

Timofejeva, Ljudmilla; Skibbe, David; Lee, Sidae G3 : genes, genomes, genetics 2013 / p. 231-249 : ill

Geneetiliselt muundatud mais ja soja ebaseaduslikult müügil : [kommenteerib Erkki Truve]

Varma, Erki; **Truve, Erkki** Eesti Päevaleht 2003 / 17. märts, lk. 4 <https://epi.delfi.ee/artikkel/50949393/geneetiliselt-muundatud-mais-ja-soja-ebaseaduslikult-muugil>

Geneetiliselt muundatud toit eestlase toidulaua : kas tuleks lubada Eesti turule geneetiliselt muundatud maisisorte? : [Erkki Truve on poolt]

Truve, Erkki Postimees 2003 / 16. sept., lk. 13 <https://arvamus.postimees.ee/2047977/geneetiliselt-muundatud-toit-eestlase-toidulaua>

Is the maize ortholog of the yeast Pch2 (Pachytene checkpoint 2) involved in meiotic surveillance?

Timofejeva, Ljudmilla; Golubovskaya, Inna; **Relvik, Tõnis**; Pawlowski, W.; **Truve, Erkki** EMBO Meiosis Conference 2015 : St Catherine's College, Oxford, UK 2015 / p. 183

Maize meiosis and collection of meiotic mutants

Golubovskaja, Inna; Wang, Rachel; **Timofejeva, Ljudmilla**; Cande, Zac 51st Maize Genetics Conference : March 12-15, 2009, St. Charles, Illinois, USA 2009 / p. 34

Maize meiotic mutants with improper or non-homologous synapsis due to problems in pairing or synaptonemal complex formation

Golubovskaya, Inna; Wang, Rachel; **Timofejeva, Ljudmilla**; Cande, W.Zacheus Journal of experimental botany 2011 / p. 1533-1544 : ill <https://pubmed.ncbi.nlm.nih.gov/20926553/>

Maize multiple archesporial cells 1 (mac1), an ortholog of rice TDL1A, modulates cell proliferation and identity in early anther development

Wang, Chung-Ju; Nan, Guo-Ling; Kelliher, Timothy; **Timofejeva, Ljudmilla** Development 2012 / p. 2594-2603 : ill <https://journals.biologists.com/dev/article/139/14/2594/45182/Maize-multiple-archesporial-cells-1-mac1-an>

New maize mutants defective in anther development

Timofejeva, Ljudmilla; Lee, Sidae; Harper, Lisa; **Golubovskaja, Inna**; Wang, Rachel; Vasudevan, Srividya; Walbot, Virginia; Cande, Zac 51st Maize Genetics Conference : March 12-15, 2009, St.Charles, Illinois, USA 2009 / p. 93

Pathogen Trojan horse delivers bioactive host protein to alter maize anther cell behavior in situ

Linde, Karina van der; **Timofejeva, Ljudmilla**; Egger, Rachel L.; Ilau, Birger The Plant cell 2018 / p. 528-542 : ill

<https://doi.org/10.1105/tpc.17.00238> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Regulation of cell divisions and differentiation by MALE STERILITY32 is required for anther development in maize

Moon, Jihyun; Skibbe, David; **Timofejeva, Ljudmilla** The plant journal 2013 / p. 592-602 : ill

The collection of maize meiotic mutants illuminates the process of recombination during the leptotene stage

Ronceret, Arnaud; Golubovskaya, Inna; **Timofejeva, Ljudmilla** 55th Annual Maize Genetics Conference : program and abstracts :

March 14-March 17, 2013, Pheasant Run, St. Charles, Illinois 2013 / p. 128