

Articles in peer reviewed journals:

Kissoudis C, Gao D, Pramanik D, Birhanu M, van de Wiel C, Visser RF, Bai Y, van der Linden G. Roles and contribution of tomato WRKY genes to salt stress and powdery mildew resistance. **(Submitted)**.

Kyriakopoulou O, **Kissoudis C**, Arens P, Aivalakis G, Passam H. Salt tolerance in okra during early development is associated with reduced shoot Na⁺ accumulation and organ specific expression of SOD and ABA/ethylene biosynthesis genes **(Submitted)**.

Madesis P, Nianiou-Obeidat I, **Kissoudis C**, Voulgari G, Labrou NE (2017) Plant glutathione transferase mediated stress tolerance: functions and biotechnological applications. **Plant Cell Reports** 36: 791-805

Kissoudis C, Seifi A, Zhe Y, Islam T, van der Schoot H, van de Wiel C, Visser RF, van der Linden G, Bai Y (2017) Ethylene and Abscisic Acid Signalling Pathways Differentially Influence Tomato Resistance to Combined Powdery Mildew and Salt Stress. **Frontiers In Plant Science** 7

Kissoudis C, Sunarti S, van de Wiel C, Visser RF, van der Linden G, Bai Y (2016) Responses to combined abiotic and biotic stress in tomato are governed by stress intensity and mechanism of resistance. **Journal of Experimental Botany** 67: 5119-5132.

Kissoudis C, van de Wiel C, Visser RG, van der Linden G (2016) Future-proof crops: challenges and strategies for climate resilience improvement. **Current Opinion in Plant Biology** 30:47-56

Kissoudis C, Kalloniati C, Flemetakis E, Madesis P, Labrou NE, Tsaftaris A, Nianiou-Obeidat I (2015) Stress-inducible GmGSTU4 shapes transgenic tobacco plants metabolome towards increased salinity tolerance. **Acta Physiologiae Plantarum** 37:1-11

Kissoudis C, Kalloniati C, Flemetakis E, Madesis P, Labrou NE, Tsaftaris A, Nianiou-Obeidat I (2015) Maintenance of metabolic homeostasis and induction of cytoprotectants and secondary metabolites inalachlor-treated GmGSTU4-overexpressing tobacco plants, as resolved by metabolomics. **Plant Biotechnology Reports** 9:287-296

Kissoudis C, Chowdhury R, van Heusden S, van de Wiel C, Finkers R, Visser RF, Bai Y, van der Linden G (2015) Combined biotic and abiotic stress resistance in tomato. **Euphytica** 202:317-332

Kissoudis C, van de Wiel C, Visser RGF, Van Der Linden G (2014) Enhancing crop resilience to combined abiotic and biotic stress through the dissection of physiological and molecular crosstalk. **Frontiers in Plant Science** 5

Benekos K, **Kissoudis C**, Nianiou-Obeidat I, Labrou N, Madesis P, Kalamaki M, Makris A, Tsaftaris A (2010) Overexpression of a specific soybean GmGSTU4 isoenzyme improves diphenyl ether and chloroacetanilide herbicide tolerance of transgenic tobacco plants. **Journal of Biotechnology** 150:195-201

Presentations in International Conferences

Christos Kissoudis, Rawnaq Chowdhury, Sri Sunarti, Sjaak van Heusden, Clemens van de Wiel, Richard Finkers, Richard G.F. Visser, Yuling Bai, Gerard C. van der Linden (2015) Tomato responses to salt stress and powdery mildew combination: genetic resistance and the effect of salt stress intensity. **12th Solanaceae Conference**, October 25-29, France

Christos Kissoudis, Georgia Voulgari, Emmanouil Fliemetakis, Nikolaos E. Labrou, Athanasios Tsaftaris, Panagiotis Madesis, Irini Nianiou-Obeidat (2013). Morphological, physiological and metabolomic response of transgenic tobacco plants (*N. tabacum* L.) overexpressing GmGSTU4 under drought stress. **International Plant Breeding Congress**, November 10-14, Turkey.

Christos Kissoudis, Kostantinos Benekos, Georgia Voulgari, Nikolaos E. Labrou, Athanasios Tsaftaris, Panagiotis Madesis, Irini Nianiou-Obeidat (2013) Over-expression of a specific soybean GmGSTU4 isoenzyme improves chloroacetanilide herbicide tolerance of transgenic tobacco plants. **International Plant Breeding Congress**, November 10-14, Turkey

Christos Kissoudis, Sri Sunarti, Yuling Bai, Clemens van de Wiel, Richard Visser, Gerard van der Linden (2013) Responses of tomato to powdery mildew and salt stress combination **7th EPSO Conference**, September 1-4, Greece

Christos Kissoudis, Sri Sunarti, Yuling Bai, Clemens van de Wiel, Richard Visser, Gerard van der Linden (2012) Responses of tomato Introgression Lines to combined powdery mildew and salt stress. **Next Generation Plant Breeding conference**, November 11-14, Netherlands

Christos Kissoudis, Rawnaq Nazneen Chowdhury, Sjaak van Heusden, Clemens van de Wiel, Richard Visser, Gerard van der Linden (2012) Salt tolerance evaluation of *S. habrochaites* Lyc4 Introgression Line (IL) population of tomato. **GRC Salt & Water Stress in Plants**, June 24-29, Hong Kong

Efstathios Efthimiadis, **Christos Kissoudis**, Irini Nianiou-Obeidat (2010) Tolerance and accumulation of zinc (Zn) and copper (Cu) in tobacco (*Nicotiana tabacum* L.) overexpressing a glutathione transferase gene from soybean. **The 8th Southeast European Congress on Xenobiotic Metabolism and Toxicity (XeMeT)**, October 1-5, Greece

Christos Kissoudis, Irene Axarli, Nikolaos E. Labrou, Panagiotis Madesis, Athanasios Tsaftaris, Nianiou-Obeidat Irini (2010) Effect of alachlor on the metabolome of wild type and GmGSTU4 overexpressing transgenic tobacco plants (*Nicotiana tabacum* L.). **The 8th Southeast European Congress on Xenobiotic Metabolism and Toxicity (XeMeT)**, October 1-5, Greece