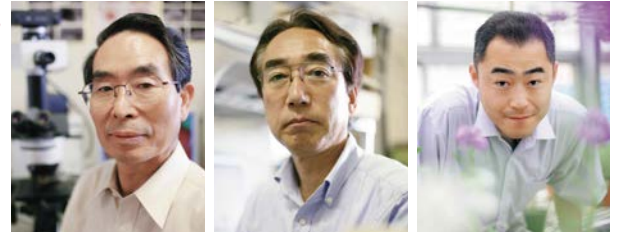


Department of Agrobiological Resources Laboratory of Horticultural Science

STAFF	Professor Naosuke NII	Professor Shigetoshi SUZUKI	Associate Professor Masato TSURO
TEACHING	Horticultural Science Pomology Advanced Horticultural Production Science (MC)	Vegetable Crop Science Plant Physiology Environmental Control in Crop Growth and Development Advanced Horticultural Physiology (MC)	Floricultural Science Cell Technology Advanced Horticultural Production Science (MC)



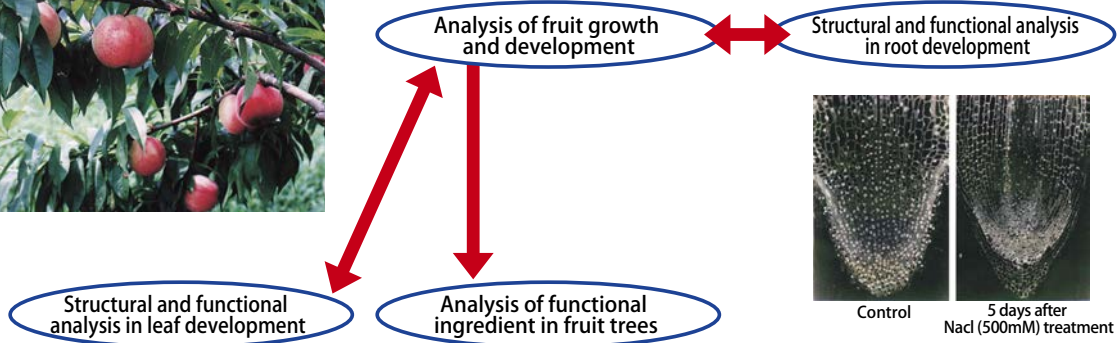
Professor Naosuke NII Professor Shigetoshi SUZUKI Associate Professor Masato TSURO

Research

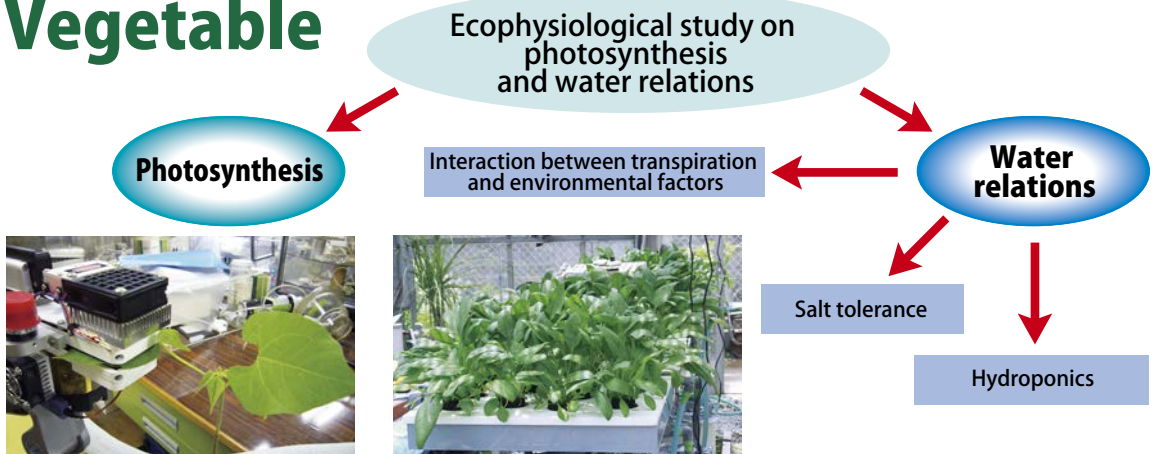
Fruit



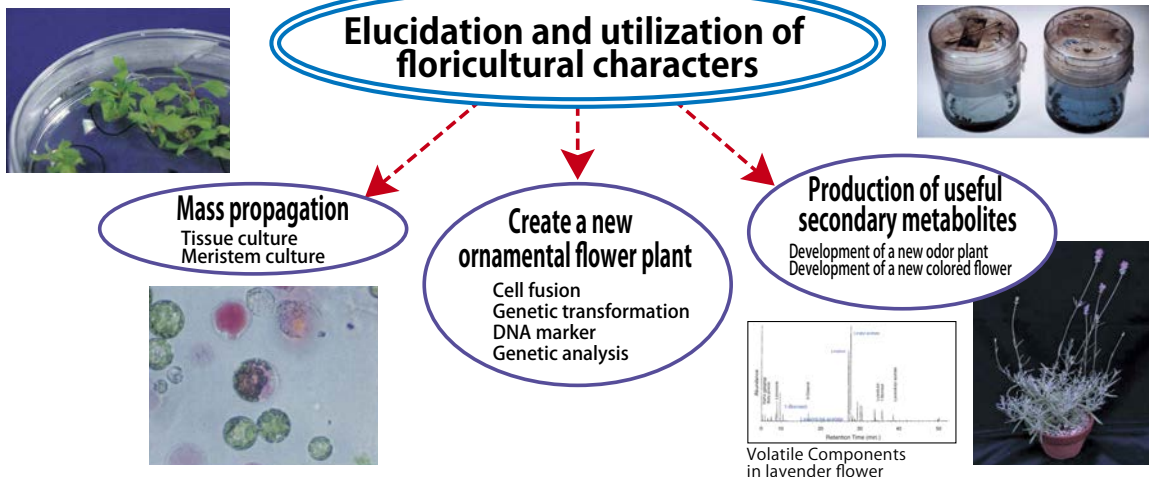
Study of the relationship between structure and function during development of fruit, leaf and root



Vegetable



Flower



Recent publications:

- L. Ye, Y. Song, K. Yamada, Y. Nakao and N. Nii (2012) Anatomical and histological changes in developing silverberry (*Elaeagnus multiflora* var. *gigantea* L.) fruit. *J. Hortic. Sci. Biotech.* 87: 64-70.
- Y. Song, L. Ye and N. Nii (2011) Effects of soil water availability on development of suberin lamellae in the endodermis and exodermis and on cortical cell wall thickening in red bayberry (*Myrica rubra* Sieb. et Zucc.) tree roots. *Sci. Hortic.* 129, 554-560.
- Y. Song, L. Ye, T. Astha and N. Nii (2011) Anatomical development of cell structure including Casparian strip during root growth in grapevines. *J. Japan. Soc. Hort. Sci.* 80, 164-168.
- T. Kaneko and S. Suzuki (2006) Effects of high temperature and growth retardant on dry matter accumulation, hypocotyl thickening, photosynthesis and sugar content in radish (*Raphanus sativus* L.) plants. *J. Japan. Soc. Hort. Sci.* 75, 231-235.
- M. Tsuru and H. Ikedo (2011) Changes in morphological phenotypes and essential oil components in lavandin (*Lavandula × intermedia* Emeric ex Loisel.) transformed with wild-type *Agrobacterium rhizogenes*. *Sci. Hortic.* 130, 647-652.