

Kentaro Mori, Ph.D.

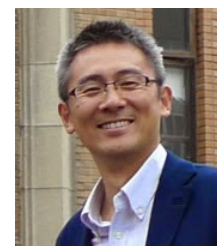
Date of Birth: November 24, 1976

Affiliation:

UMR1332 Fruit Biology and Pathology

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URL:

Academic History:

1999 College of Agrobiological Resource Sciences, BS of Bioresource Science
University of Tsukuba, Japan

2004 Doctoral Program in Agricultural Sciences, PhD in Agriculture
University of Tsukuba, Japan

Professional/Scientific Career:

2004-2006 Postdoctoral Fellow National Research Institute of Brewing,
Japan

2007-2008 Postdoctoral Fellow UMR1287 Ecophysiology and Functional
Genomics of Grapevine, INRA Bordeaux

2008-2013 Assistant Professor Gene Research Center,
University of Tsukuba (Residing at
INRA

Bordeaux, UMR619 Fruit Biology)

2013-2015 Assistant Professor UMR1332 Fruit Biology and Pathology
Faculty of Biology, University of
Bordeaux

2015-present Associate Professor UMR1332 Fruit Biology and Pathology
Faculty of Biology, University of
Bordeaux

Awards/Professional Societies:

N/A

Research Area/ Interests:

Research focused mainly on the regulatory mechanism for fleshy fruit development in tomato and grape

Publication

1. Mounet-Gilbert L, Dumont M, Ferrand C, Bournonville C, Monier, A, Jorly J, Lemaire-Chamley M, **Mori K**, Atienza I, Hernould M, Stevens R, Lehner A, Mollet J-C, Rothan C, Lerouge, P. ; Baldet P. (2016) Two tomato GDP-D-mannose epimerase isoforms involved in ascorbate biosynthesis play specific roles in cell wall biosynthesis and development. *Journal of Experimental Botany* 67: 4767-4777.
2. Just D, Garcia V, Fernandez L, Bres C, Mauxion JP, Petit J, Jorly J, Assali J, Bournonville C, Ferrand C, Baldet P, Lemaire-Chamley M, **Mori K**, Okabe Y, Ariizumi T, Asamizu E, Ezura H, Rothan C. (2013) Micro-Tom mutants for functional analysis of target genes and discovery of new alleles in tomato. *Plant Biotechnology* 30: 225-231.
3. **Mori K**, Lemaire-Chamley M, Asamizu E, Mizoguchi T, Ezura H, Rothan C. (2013) Comparative analysis of common genes involved in early fruit development in tomato and grape. *Plant Biotechnology* 30: 295-300.
4. Baldet P, Bres C, Okabe Y, Mauxion JP, Just D, Bournonville C, Ferrand C, **Mori K**, Ezura H, Rothan C. (2013) Investigating the role of vitamin C in tomato through TILLING identification of ascorbate-deficient tomato mutants. *Plant Biotechnology* 30: 309-314.
5. Neily MH, Matsukura C, Maucourt M, Bernillon S, Deborde C, Moing A, Yin Y, Saito T, **Mori K**, Asamizu E, Rolin D, Moriguchi T, Ezura H. (2011) Enhanced polyamine accumulation alters carotenoid metabolism at the transcriptional level in tomato fruit over-expressing spermidine synthase. *Journal of Plant Physiology* 168: 242-252.
6. **Mori K**, Goto-Yamamoto N, Kitayama M, Hashizume K. (2007) Loss of anthocyanins in red-wine grape under high temperatures. *Journal of Experimental Botany* 58: 1935-1945.
7. **Mori K**, Goto-Yamamoto N, Kitayama M, Hashizume K. (2007) Effect of high temperature on anthocyanin composition and transcription of flavonoid hydroxylase genes in 'Pinot noir' grapes (*Vitis vinifera*). *Journal of Horticultural Science and Biotechnology* 82: 199-206.
8. **Mori K**, Saito H, Goto-Yamamoto N, Kitayama M, Kobayashi S, Sugaya S, Gemma H,

- Hashizume K. (2005) Effects of abscisic acid treatment on anthocyanin concentration and composition in Pinot Noir grapes grown under elevated night temperature condition. *Vitis* 44: 161-165.
9. **Mori K**, Sugaya S, Gemma H. (2005) Decreased anthocyanin biosynthesis in grape berries grown under elevated night temperature condition. *Scientia Horticulturae* 105: 319-330.