

Curriculum Vitae

Contact Information

Name: Yoriyuki NAKAMURA
Tea Science Center
School of Food and Nutritional Sciences
Graduate School of Nutritional & Environmental Science
Address: 52-1 Yada, Suruga-ku, Shizuoka, 422-8526
Phone: 81-54-264-5822,
Fax: 81-54-264-5822
E-mail: yori.naka222@u-shizuoka-ken.ac.jp

Personal Information

Date of Birth: Feb. 22th, 1953

Employment History

2013.~ Project Professor of University of Shizuoka
2008.~ Director of Shizuoka Tea Research Center
2007.~ Plan management division manager of Shizuoka Res. Inst. of Agr. &
Forestry
2005. ~ Director of Fuji Branch of Shizuoka Tea Research Center
2000. ~ Chief of Shizuoka Tea Production Division
1979.~ Researcher of Shizuoka Tea Research Center

Main Work

Principal Research:

☆Breeding of Tea

Breeding of new tea cultivar :

Okuhikari(1986), Sawamizuka(1995), Yamanoibuki(1997), kousyun(2000),
Tuyuhikari(2003), Yumesuruga(2012)

☆Major Research Interests:

- Tea propagation and tea breeding
- Mechanism of accumulation of taste constituents in tea leaves by light shading
- Studies on health benefits and epidemiology of green tea
- Marketing for a consumption rise.

Awards

- The Shizuoka pref. of Agriculture, Forestry and Fisheries division manager commendation
1986: Breeding of new tea cultivar “Okuhikari”
- The society awards, Technical prize [Japanese society of tea science and technology]
1991: *In vitro* propagation techniques of tea plants
- The Shizuoka governor commendation
2006: Effect of accelerating method for tea plant growth using paper pots for cutting
- Tea Academy for excellency award [The society of tea science of Japan]
2013: Breeding of new tea cultivar and mass propagation techniques.
- Sugiyama Hikosaburo awards, technical prize [Sugiyama Hikosaburo celebration meeting]
2013: Breeding of new tea cultivar
- The society awards, Technical service prize [Japanese society of tea science and technology]
2013: Contribution to progress of tea industry technology

Educatin

Ph.D. in Agriculture (September 2006)

United Graduated School of Agr. Sci. Gifu Univ., Gifu, Japan

Dissertation title: Studies on propagation by in vitro tissue culture and growth of cuttings in paper pots of tea plants.

M.S. in Agriculture (March 1977)

Iwate University, Iwate, Japan

B.S. In Agriculture (March 1975)

Iwate University, Iwate, Japan

Major research publications (2010~)

- Takeshi Ogawa, Eiji Kobayashi, Yoriyuki Nakamura, Hirokazu Kobayashi(2010): Polyphenol biofortification of tea leaves by exposure to light-emitting diode (LED), Proceedings of 2010 International Conference on O-CHA(tea) Culture and Science in Shizuoka.
- Eiji Kobayashi, Yoriyuki Nakamura, Toshikazu Suzuki, Tetsuya Oishi, Kiyofumi Inaba, Yumiko Kaneko (2010) : Influence of Strong Shading by Direct Covering on the Color and the Ingredients of Tea Leaves. Proceedings of 2010 International Conference on O-CHA(tea) Culture and Science in Shizuoka
- Aya Kunihiro, Takashi Ikka, Toshikazu Suzuki, Yoriyuki Nakamura, Akio Morita (2010) : Chemical composition of the first crop of "white leaf tea" plants in Japan. Proceedings of 2010 International Conference on O-CHA(tea) Culture and Science in Shizuoka
- Akio Morita, Yusuke Toba, Toshikazu Suzuki, Takashi Ikka, Yoriyuki Nakamura (201

- 0) : The effect of light condition on ascorbate content of tea plant (*Camellia sinensis* L.). Proceedings of 2010 International Conference on O-CHA(tea) Culture and Science in Shizuoka
- Takeshi Ogawa, Shoko Watanabe, Eiji Kobayashi, Yoriyuki Nakamura, Hirokazu Kobayashi(2010) : Mechanism of accumulation of taste constituents in tea leaves by light shading, Proceedings of 2010 International Conference on O-CHA(tea) Culture and Science in Shizuoka
 - Tetsuya Oishi, Eiji Kobayashi, Akio Morita, Yoriyuki Nakamura, Yumiko Kaneko (2010): Effects of photo-selective sheets covering culture on growth and catechins content of tea plant (*Camellia sinensis* L.) Proceedings of 2010 International Conference on O-CHA(tea) Culture and Science in Shizuoka
 - Toshikazu Suzuki, Yumiko Kaneko, Eiji Kobayashi, Takashi Ikka, Yoriyuki Nakamura, Akio Morita(2010) : Effects of light period and intensity on photomorphogenesis and constituents in new shoots of tea plant (*Camellia sinensis* L.), Proceedings of 2010 International Conference on O-CHA(tea) Culture and Science in Shizuoka
 - Ziyin Yang, Kazuo Mochizuki, Takaya Watase, Eiji Kobayashi, Tsuyoshi Katsuno, Toshimichi Asanuma, Akio Morita, Toshihiro Suzuki, Yoriyuki Nakamura, Naoharu Watanabe(2010) : Regulation of volatile formation in tea (*Camellia sinensis*) leaves by light conditions, Proceedings of 2010 International Conference on O-CHA(tea) Culture and Science in Shizuoka
 - Hikaru Sato, Hideyuki Katai, Yoriyuki Nakamura, Yoichi Aoshima, Yasutaka Suzuki,(2013): The cultivation of 'Yumesuruga' for green tea which has excellent green color of made tea and liquor, Proceedings of 2013 International Conference on O-CHA(tea) Culture and Science in Shizuoka
 - Yasuo Niwa, Shoko Watanabe, Takeshi Ogawa, Hideki Nagasaki, Yasukazu Nakamura, Hideki Nishimura, Takashi Hirayama, Eiji Kobayashi, Yoriyuki Nakamura, Hirokazu Kobayashi(2013): Establishment of a tea custom array based on EST data obtained with next-generation sequencing, Proceedings of 2013 International Conference on O-CHA (tea) Culture and Science in Shizuoka
 - Aya kunihiro, Megumi Ohshio, Takashi Ikka, Eiji Kobayashi, Toshikazu Suzuki, Yutaka Koizumi, Yoriyuki Nakamura, Akio Morita(2013) : Characteristics of chemical composition and arginine metabolism in 'white leaf tea', Proceedings of 2013 International Conference on O-CHA(tea) Culture and Science in Shizuoka
 - Ai Yoto, Hidehiko Yokogoshi, Tsuyoshi Moriyama, Yoriyuki Nakamura, Tsuyoshi Katsuno, and Tsutomu Nakayama, (2013): Effect of smelling green tea rich in aroma components on EEG activity and memory task performance、International Conference on Biometrics and Kansei Engineering CD proceedings, 2013 IEEE DOI 10.1109/ICBAKE.2013.15, 76-81
 - Ayane Hara, Akira Sumiyoshi, Hiroi Nonaka, Tomokazu Konishi, Kazuaki Iguchi, Ryuta Kawashima, Michiko Hayashi, Yoriyuki Nakamura, Hiroshi Yamada, and Keiko Unno (2014) : Anti-stress effect of theanine: Prevention of adrenal hypertrophy and brain atrophy in mice, and suppression of salivary α -amylase activity and subjective stress in students. The 2nd International Conference on Farma and Food (Shizuoka), p. 107.

- Saito K., Ikeda M., Kametani H., Nakamura Y.(2014): Effect of the extract of tea roots (*Camellia sinensis*) hydroponically cultured on the recognition memory of a rat. The 2nd International Conference on Pharma and Food, Shizuoka, Japan, Nov 6.
- Saito K., Ishikawa M., Nakamura Y.(2014): Development and function of post-fermented tea. Shizuoka Forum on Health and Longevity, Nov 7 (2014).

<http://dfns.u-shizuoka-ken.ac.jp/labs/tsc/>