

研究成果の刊行に関する一覧表

論文発表

- 1) Nakanishi, K., Fujii, U., Ohtsuki, T., Kimata, S., Soga, K., Kishine, M., Mano, J., Takabatake, R., Kitta, K., Kawakami, H., Akiyama, H., Ikeda, M., Nakamura, K., Kondo, K. Effect of sodium carboxymethyl cellulose in processed rice foods on detection of genetically modified rice-derived DNA. *Japanese Journal of Food Chemistry and Safety*, 2018 (in press)
- 2) Nakamura, K., Ishigaki, T., Kobayashi, T., Fujii, U., Soga, K., Kishine, M., Takabatake, R., Mano, J., Kitta, K., Kawakami, H., Nishimaki-Mogami, T., Kondo, K. Identification of chickpea (*Cicer arietinum*) in foods using a novel real-time polymerase chain reaction detection method. *Journal of Food Composition and Analysis*, 2018 (in press)
- 3) Mano J., Nishitsuji Y., Kikuchi Y., Fukudome S., Hayashida S., Kawakami H., Kurimoto Y., Noguchi A., Kondo K., Teshima R., Takabatake R., Kitta K. "Quantification of DNA fragmentation in processed foods using real-time PCR" *Food Chemistry* 226, 149-155 (2017)
- 4) Nakamura, K., Kondo, K., Akiyama, H., Ishigaki, T., Noguchi, A., Katsumata, H., Takasaki, K., Futo, S., Sakata, K., Fukuda, N., Mano, J., Kitta, K., Tanaka, H., Akashi, R., Nishimaki-Mogami, T. Whole genome sequence analysis of unidentified genetically modified papaya for development of a specific detection method. *Food Chemistry*, 205, 272-279, 2016
- 5) Nakamura, K., Kondo, K., Akiyama, H., Ishigaki, T., Noguchi, A., Katsumata, H., Takasaki, K., Futo, S., Sakata, K., Fukuda, N., Mano, J., Kitta, K., Tanaka, H., Akashi, R., & Nishimaki-Mogami, T. Interlaboratory validation data on real-time polymerase chain reaction detection for unauthorized genetically modified papaya line PRSV-YK. *Data in Brief*, 7, 1165-1170, 2016
- 6) Noguchi, A., Nakamura, K., Sakata, K., Sato-Fukuda, N., Ishigaki, T., Mano, J., Takabatake, R., Kitta, K., Teshima, R., Kondo, K., Nishimaki-Mogami, T. Development and interlaboratory validation of a simple screening method for genetically modified maize using $\Delta\Delta Cq$ -based multiplex real-time PCR. *Analytical Chemistry*, 88, 4285-4293, 2016.
- 7) Komoto K., Okamoto S., Hamada M., Obana N., Samori M., and Imamura T. Japanese consumer perceptions of genetically modified food: Findings from an international comparative study. *Interactive Journal of Medical Research*, 2016, vol. 5, iss. 3, e23, p.1-19.

- 8) Ogawa T., Sasaki T., Okazawa A., Teshima R., Misawa N., Ohta D.: Metabolite profiling and proteome analysis of genetically modified lettuce plants (*Lactuca sativa L.*) that produce astaxanthin and its esterified derivatives. Japanese J. Food Chem. Safety 23, 9-19, 2016
- 9) Yuki Y, Kurokawa S, Kozuka-Hata H, Tokuhara D, Mejima M, Kuroda M, Oyama M, Nishimaki- Mogami T, Teshima R, Kiyono H. “Differential analyses of major allergen proteins in wild-type rice and rice producing a fragment of anti-rotavirus antibody” .Regul Toxicol Pharmacol.76, 128-136 (2016)
- 10) Takabatake R., Masubuchi T., Futo S., Minegishi Y., Noguchi A., Kondo K., Teshima R., Kurashima T, Mano J., Kitta K. “Selection of suitable DNA extraction methods for genetically modified maize 3272, and development and evaluation of an event-specific quantitative PCR method for 3272” Food Hyg.Saf.Sci. 57, 1-6 (2016)
- 11) Satoh R, Teshima R, Kitta K, Lang GH, Schegg K, Blumenthal K, Hicks L, Labory-Carcenac B, Rouquié D, Herman RA, Herouet-Guicheney C, Ladics GS, McClain S, Poulsen LK, Privalle L, Ward JM, Doerrer N, Rasclle JB. “Inter-laboratory optimization of protein extraction, separation, and fluorescent detection of endogenous rice allergens” Biosci Biotechnol Biochem. 80, 2198–2207 (2016)
- 12) 今村知明、高谷幸、赤羽学、神奈川芳行、鬼武一夫、森川惠介、長谷川専、山口健太郎、池田佳代子. 食品防御の考え方とその進め方～よくわかるフードディフェンス～. 今村知明 編著. 2015 Apr;p.1-243 全文.
- 13) Miyahara, T., Miyake, N., Sawahuji, K., Kitta, K., Nakamura, K., Kondo, K., Ozeki, Y. Wheat DNA fragmentation of commercial processed foods. Japanese Journal of Food Chemistry and Safety, 23, 141-148, 2016.
- 14) Satoh R., Teshima R. “Genetically modified organisms in food” 40. Allergen Analysis in plants and use in the assessment of genetically modified plants. ed., Watson RR and Preedy VR, Academic Press, pp453-463 (2015)
- 15) 今村知明. 【第2版】食品の安全とはなにか・食品安全の基礎知識と食品防御-. 2015; p.1-237
- 16) Nakamura, K., Matsuoka, H., Nakashima, S., Kanda, T., Nishimaki-Mogami, T., Akiyama, H. Oral administration of apple condensed tannins delays rheumatoid arthritis development in mice via down-regulation of T helper 17 (Th17) cell responses. Molecular Nutrition & Food Research, 59, 1406-1410, 2015.
- 17) Takabatake, R., Onishi, M., Futo, S., Minegishi, Y., Noguchi, A., Nakamura, K., Kondo, K., Teshima, R., Mano, J., Kitta, K. Comparison of the specificity, stability, and PCR efficiency of six rice endogenous sequences for detection analyses of genetically modified rice. Food Control, 50, 949-955, 2015.

- 18) Noguchi, A., Akiyama, H., Nakamura, K., Sakata, K., Minegishi, Y., Mano, J., Takabatake, R., Futo, S., Kitta, K., Teshima, R., Kondo, K., Nishimaki-Mogami, T. A novel trait-specific real-time PCR method enables quantification of genetically modified (GM) maize content in ground grain samples containing stacked GM maize. European Food Research and Technology, 240, 413-422, 2015.