

発表論文

論文の公表状況

当センターでの業績の国内外の学術雑誌への発表実績を掲載しています。

2018

- Shoji Fukushima, Tatsuya Kasai, Yumi Umeda, Makoto Ohnishi, Toshiaki Sasaki and Michiharu Matsumoto. Carcinogenicity of multi-walled carbon nanotubes: challenging issue on hazard assessment.
Journal of Occupational Health, Vol. 60, 10–30. (2018)
- Michiharu Matsumoto, Hirokazu Kano, Masaaki Suzuki, Tadashi Noguchi, Yumi Umeda and Shoji Fukushima. Carcinogenicity of quinoline by drinking-water administration in rats and mice.
The Journal of Toxicological Sciences, Vol. 43, 113–127. (2018)

2017

- Makoto Take, Tetsuya Takeuchi, Shigeyuki Hirai, Kenji Takanobu, Michiharu Matsumoto, Shoji Fukushima, Jun Kanno. Distribution of 1,2-dichloropropane in blood and other tissues of rats after oral administration.
The Journal of Toxicological Sciences, Vol. 42, 121–128. (2017)
- Hideki Senoh, Hirokazu Kano, Masaaki Suzuki, Makoto Ohnishi, Hitomi Kondo, Kenji Takanobu, Yumi Umeda, Shigetoshi Aiso, Shoji Fukushima. Comparison of single or multiple intratracheal administration for pulmonary toxic responses of nickel oxide nanoparticles in rats.
Journal of Occupational Health, Vol. 59, 112–121. (2017)
- Makoto Ema, Hirokazu Okuda, Masashi Gamo, Kazumasa Honda. A review of reproductive and developmental toxicity of silver nanoparticles in laboratory animals.
Reproductive Toxicology, Vol. 67, 149–164. (2017)
- Buesen R, Chorley BN, da Silva Lima B, Daston G, Deferme L, Ebbels T, Gant TW, Goetz A, Grealley J, Gribaldo L, Hackermüller J, Hubesch B, Jennen D, Johnson K, Kanno J, Kauffmann HM, Laffont M, McMullen P, Meehan R, Pemberton M, Perdichizzi S, Piersma AH, Sauer UG, Schmidt K, Seitz H, Sumida K, Tollefsen KE, Tong W, Tralau T, van Ravenzwaay B, Weber RJM, Worth A, Yauk C, Poole A. . Applying ' omics technologies in chemicals risk assessment: Report of an ECETOC workshop.
Regulatory Toxicology and Pharmacology, Vol. 91 Suppl, S3–S13. (2017)

2016

- Jun Kanno. Introduction to the concept of signal toxicity.
The Journal of Toxicological Sciences, Vol. 41 Special Issue, SP105–109. (2016)
- Tatsuya Kasai, Yumi Umeda, Makoto Ohnishi, Takashi Mine, Hitomi Kondo, Tetsuya Takeuchi, Michiharu Matsumoto and Shoji Fukushima. Lung carcinogenicity of inhaled multi-walled carbon nanotube in rats.
Particle and Fibre Toxicology, Vol. 13, 53. (2016)
- Toshiaki Sasaki, Masumi Asakura, Chigusa Ishioka, Tatsuya Kasai, Taku Katagiri, Shoji Fukushima. In vitro chromosomal aberrations induced by various shapes of multi-walled carbon nanotubes (MWCNTs).
Journal of Occupational Health, Vol. 58, 622–630. (2016)
- 宮川 宗之、奥田 裕計. 生殖毒性を有する産業化学物質の評価と管理.
産業医学レビュー, Vol. 29, 75–110. (2016)
- Makoto Ohnishi, Masaaki Suzuki, Masahiro Yamamoto, Tatsuya Kasai, Hirokazu Kano, Hideki Senoh, Ichiro Higashikubo, Akihiro Araki and Shoji Fukushima. Improved method for measurement of multi-walled carbon nanotubes in rat lung.
Journal of Occupational Medicine and Toxicology, Vol. 11, 44. (2016)
- 妹尾英樹、加納浩和、鈴木正明、近藤ひとみ、高信健司、梅田ゆみ、相磯成敏、福島昭治. 気管支肺胞洗浄液検査における三種混合麻酔の問題点.
産業衛生学雑誌, Vol. 58, 21–24. (2016)
- Michiharu Matsumoto, Hirokazu Kano, Masaaki Suzuki, Taku Katagiri, Yumi Umeda, and Shoji Fukushima. Carcinogenicity and chronic toxicity of hydrazine monohydrate in rats and mice by two-year drinking water treatment.
Regulatory Toxicology and Pharmacology, Vol. 76, 63–73. (2016)
- Shoji Fukushima, Min Gi, Anna Kakehashi, Hideki Wanibuchi and Michiharu Matsumoto. Qualitative and quantitative approaches in the dose-response assessment of genotoxic carcinogens.
Mutagenesis, Vol. 31, 341–345. (2016)
- Guihua Zhang, Naohide Shinohara, Hirokazu Kano, Hideki Senoh, Masaaki Suzuki, Takeshi Sasaki, Shoji Fukushima and Masashi Gamo. Quantitative evaluation of local pulmonary distribution of TiO₂ in rats following single or multiple intratracheal administrations of TiO₂

nanoparticles using X-ray fluorescence microscopy.
Journal of Applied Toxicology, Vol. 36, 1268–1275. (2016)

2015

- Guihua Zhang, Naohide Shinohara, Hirokazu Kano, Hideki Senoh, Masaaki Suzuki, Takeshi Sasaki, Shoji Fukushima and Masashi Gamo. Quantitative evaluation of the pulmonary microdistribution of TiO₂ nanoparticles using X-ray fluorescence microscopy after intratracheal administration with a microsyringe in rats.
Journal of Applied Toxicology, Vol. 35, 623–630. (2015)
- Tatsuya Kasai, Yumi Umeda, Makoto Ohnishi, Hitomi Kondo, Tetsuya Takeuchi, Shigetoshi Aiso, Tomoshi Nishizawa, Michiharu Matsumoto, and Shoji Fukushima. Thirteen-week study of toxicity of fiber-like multi-walled carbon nanotubes with whole-body inhalation exposure in rats.
Nanotoxicology, Vol. 9, 413–422. (2015)
- 高信健司、相磯成敏、梅田ゆみ、妹尾英樹、齋藤美佐江、片桐卓、伊川直樹、石川寛明、峯多加志、武信、晴佐久満、松本道治、福島昭治. F344/DuCr1Cr1j ラットの自然発生腫瘍.
産業衛生学雑誌, Vol. 57, 85–96. (2015)
- Anna Kakehashi, Akihiro Hagiwara, Norio Imai, Min Wei, Shoji Fukushima, Hideki Wanibuchi. Induction of cell proliferation in the rat liver by the short-term administration of ethyl tertiary-butyl ether.
J. Toxicologic Pathology, Vol. 28, 27–32. (2015)
- Shin Wakui, Tomoko Mutou, Hiroyuki Takahashi, Masahiro Ikegami, Hideki Wanibuchi, Shoji Fukushima. Vascular endothelial growth factor mRNA levels as a biomarker for short-term N-butyl-N-(4-hydroxybutyl) nitrosamine-induced rat bladder carcinogenesis bioassay.
J. Applied Toxicology, Vol. 35, 181–190. (2015)
- James T. MacGregor, Roland Frotschl, Paul A. White, Kenny S. Crump, David A. Eastmond, Shoji Fukushima, Melanie Guerard, Makoto Hayashi, Lya G. Soeteman-Hernandez, George E. Johnson, Toshio Kasamatsu, Dan D. Levy, Takeshi Morita, Lutz Muller, Rita Schoeny, Maik J. Schuler, Veronique Thybaud. IWGT report on quantitative approaches to genotoxicity risk assessment II. Use of point-of-departure (PoD) metrics in defining acceptable exposure limits and assessing human risk.
Mutation Research, Vol. 783, 66–78. (2015)
- James T. MacGregor, Roland Frotschl, Paul A. White, Kenny S. Crump, David A. Eastmond, Shoji Fukushima, Melanie Guerard, Makoto Hayashi, Lya G. Soeteman-Hernandez, Toshio Kasamatsu,

Dan D. Levy, Takeshi Morita, Lutz Muller, Rita Schoeny, Maik J. Schuler, Veronique Thybaud, George E. Johnson. IWGT report on quantitative approaches to genotoxicity risk assessment I. Methods and metrics for defining exposure response relationships and points of departure (PoDs).

Mutation Research, Vol. 783, 55–65. (2015)

2014

- Makoto Take, Tetsuya Takeuchi, Mitsuru Haresaku, Michiharu Matsumoto, Kasuke Nagano, Seigo Yamamoto, Takeji Takamura–Enya and Shoji Fukushima. Estimation of chloroform inhalation dose by other routes based on the relationship of area under the curve (AUC) –inhalation dose to chloroform distribution in the blood of rats. J Environ Sci Health, Part A, Vol. 49, 253–261. (2014)
- Shigetoshi Aiso, Makoto Take, Tatsuya Kasai, Hideki Senoh, Yumi Umeda, Michiharu Matsumoto and Shoji Fukushima. Inhalation Carcinogenicity of Dichloromethane in Rats and Mice. Inhalation Toxicology, Vol. 26, 435–451. (2014)
- Hideki Senoh, Taku Katagiri, Kenji Takanobu, Yumi Umeda, Shigetoshi Aiso and Shoji Fukushima. Spontaneous Harderian Gland Adenocarcinoma in a Female F344 Rat : A Case Report. J. Toxicologic Pathology, Vol. 27, 139–142. (2014)
- Makoto Take, Michiharu Matsumoto, Tetsuya Takeuchi, Mitsuru Haresaku, Hitomi Kondo, Hideki Senoh, Yumi Umeda, Takeji Takamura–Enya and Shoji Fukushima. Inhalation exposure to 1,2-dichloropropane : Distribution of blood and tissue concentrations of 1,2-dichloropropane in rats during and after exposure. J Environ Sci Health, Part A, Vol. 49, 1341–1348. (2014)
- Tatsuya Kasai, Kaoru Gotoh, Tomoshi Nishizawa, Toshiaki Sasaki, Taku Katagiri, Yumi Umeda, Tadao Toya, Shoji Fukushima. Development of a new multi-walled carbon nanotube (MWCNT) aerosol generation and exposure system and confirmation of suitability for conducting a single-exposure inhalation study of MWCNT in rats. Nanotoxicology, Vol. 8, 169–178. (2014)
- Takamasa Kido, Masashi Tsunoda, Tatsuya Kasai, Toshiaki Sasaki, Yumi Umeda, Hideki Senoh, Hiroyuki Yanagisawa, Masumi Asakura, Yoshiharu Aizawa, and Shoji Fukushima. The increases in relative mRNA expressions of inflammatory cytokines and chemokines in splenic macrophages from rats exposed to multi-walled carbon nanotubes by whole-body inhalation for 13 weeks. Inhalation Toxicology, Vol. 26, 750–758. (2014)

- Anna Kakehashi, Ayumi Kato, Naomi Ishii, Min Wei, Keiichirou Morimura, Shoji Fukushima, Hideki Wanibuchi. Valerian Inhibits Rat Hepatocarcinogenesis by Activating GABA (A) Receptor-Mediated Signaling. PLoS One; Vol. 9, e113610. (2014)

2013

- Makoto Ohnishi, Hirofumi Yajima, Tatsuya Kasai, Yumi Umeda, Masahiro Yamamoto, Seigo Yamamoto, Hirokazu Okuda, Masaaki Suzuki, Tomoshi Nishizawa and Shoji Fukushima. Novel method using hybrid markers : development of an approach for pulmonary measurement of multi-walled carbon nanotubes. Journal of Occupational Medicine and Toxicology, Vol. 8, 30. (2013)
- Tadashi Noguchi, Tomoyuki Kamigaito, Taku Katagiri, Hitomi Kondo, Kazunori Yamazaki, Shigetoshi Aiso, Tomoshi Nishizawa, Kasuke Nagano and Shoji Fukushima. Lack of micronucleus induction activity of ethyl tertiary-butyl ether in the bone marrow of F344 rats by sub-chronic drinking-water treatment, inhalation exposure, or acute intraperitoneal injection. The Journal of Toxicological Sciences, Vol. 38, 913-924. (2013)
- Anna Kakehashi, Akihiro Hagiwara, Norio Imai, Kasuke Nagano, Fukumi Nishimaki, Shoji Fukushima and Hideki Wanibuchi. Mode of action of ethyl tertiary-butyl ether hepatotumorigenicity in the rat : Evidence for a role of oxidative stress via activation of CAR, PXR and PPAR signaling pathways. Toxicology and Applied Pharmacology, Vol. 273, 390-400. (2013)
- Akihiro Hagiwara, Norio Imai, Yuko Doi, Mayuko Suguro, Mayumi Kawabe, Fumio Furukawa, Kasuke Nagano and Shoji Fukushima. No Promoting Effect of Ethyl Tertiary-butyl Ether (ETBE) on Rat Urinary Bladder Carcinogenesis Initiated with N-Butyl-N-(4-hydroxybutyl)nitrosamine. J Toxicologic Pathology, Vol. 26, 351-357. (2013)
- Makoto Ohnishi, Yumi Umeda, Taku Katagiri, Tatsuya Kasai, Naoki Ikawa, Tomoshi Nishzawa and Shoji Fukushima Inhalation Carcinogenicity of 1, 1, 1-Trichloroethane in Rats and Mice. Inhalation Toxicology, Vol. 25, 298-306. (2013)
- Yumi Umeda, Tatsuya Kasai, Misae Saito, Hitomi Kondo, Tadao Toya, Shigetoshi Aiso, Hirokazu Okuda, Tomoshi Nishizawa and Shoji Fukushima. Two-Week Toxicity of Multi-Walled Carbon Nanotubes by Whole-Body Inhalation Exposure in Rats. J. Toxicologic Pathology, Vol. 26, 131-140. (2013)
- Makoto Take, Kenji Takanobu, Tetsuya Takeuchi Mitsuru Haresaku, Michiharu Matsumoto, Kasuke

Nagano, Seigo Yamamoto and Shoji Fukushima. Distribution of blood and tissue concentrations in rats by inhalation exposure to 1,2-dichloroethane.

J Environ Sci Health, Part A, Vol. 48, 1031-1036. (2013)

- Arata Saito, Toshiaki Sasaki, Tatsuya Kasai, Taku Katagiri, Tomoshi Nishizawa, Tadashi Noguchi, Shigetoshi Aiso, Kasuke Nagano and Shoji Fukushima. Hepatotumorigenicity of ethyl tertiary-butyl ether with 2-year inhalation exposure in F344 rats.

Archives of Toxicol, Vol. 87, 905-914. (2013)

- Michiharu Matsumoto, Yumi Umeda, Makoto Take, Tomoshi Nishizawa, and Shoji Fukushima. Subchronic Toxicity and Carcinogenicity Studies of 1,2-Dichloropropane Inhalation to Mice. Inhalation Toxicology, Vol. 25, 435-443. (2013)

- Kenjiro Tatematsu, Akihiro Koide, Keiichirou Morimura, Shoji Fukushima and Yukio Mori. The enhancing effect of ethanol on the mutagenic activation of N-nitrosomethylbenzylamine by cytochrome P450 2A in the rat oesophagus.

Mutagenesis, Vol. 28, 161-169. (2013)

- Anna Kakehashi, Akihiro Hagiwara, Norio Imai, Kasuke Nagano, Fukumi Nishimaki, Marcy Banton, Min Wei, Shoji Fukushima, Hideki Wanibuchi. Mode of action of ethyl tertiary-butyl ether hepatotumorigenicity in the rat: evidence for a role of oxidative stress via activation of CAR, PXR and PPAR signaling pathways.

Toxicology and Applied Pharmacology, Vol. 273, 390-400. (2013)

2012

- Masaaki Suzuki, Kazunori Yamazaki, Hirokazu Kano, Shigetoshi Aiso, Kasuke Nagano and Shoji Fukushima. No carcinogenicity of ethyl tertiary-butyl ether by 2-year oral administration in rats.

The Journal of Toxicological Sciences, Vol. 37, 1239-1246. (2012)

- 笠井辰也、後藤薫、西沢共司、福島昭治. 多層カーボンナノチューブエアロゾル発生装置の開発. 作業環境, Vol. 33, 69-79. (2012)

- 福島昭治 : 動物のモデルを用いた発がん性の評価. がん-疾患モデルの作製と利用 (Series モデル動物利用マニュアル) pp33-45 エル・アイ・シー. (2012)

- 福島昭治 : Butylated hydroxyanisole (BHA) によるラット前胃発がん性研究-その顛末記と知見より得られた教訓.

FFI ジャーナル, Vol. 217 No. 4, 420-421. (2012)

- ・ 福島昭治 : 香料の安全性評価における国際調和. Global Harmonization on Safety Assessment of Flavors.
FFI ジャーナル, Vol. 217, No.2, 157-161. (2012)
- ・ Takehiko Nohmi, Masamitsu Honma, Masami Yamada, Kenichi Masumura, Manabu Yasui, Katsuyoshi Horibata and Shoji Fukushima. 2nd International Symposium on Genotoxic and Carcinogenic Thresholds.
Genes and Environment, Vol. 34, 141-145. (2012)
- ・ Anna Kakehashi, Yoshiyuki Tago, Midori Yoshida, Yui Sokuza, Min Wei, Shoji Fukushima, Hideki Wanibuchi. Hormonally Active Doses of Isoflavone Aglycones Promote Mammary and Endometrial Carcinogenesis and Alter the Molecular Tumor Environment in Donryu Rats.
Toxicological Sciences, Vol. 126, 39-51. (2012)
- ・ Michiharu Matsumoto, Masaaki Suzuki, Hirokazu Kano, Shigetoshi Aiso, Kazunori Yamazaki, Shoji Fukushima : Carcinogenicity of ortho- phenylenediamine dihydrochloride in rats and mice by two-year drinking water treatment.
Archives of Toxicology, Vol. 86, 791-804. (2012)
- ・ Hirokazu Kano, Masaaki Suzuki, Hideki Senoh, Kazunori Yamazaki, Shigetoshi Aiso, Michiharu Matsumoto, Kasuke Nagano, Shoji Fukushima : 2,4-Dichloro-1-nitrobenzene exerts carcinogenicities in both rats and mice by two years feeding.
Archives of Toxicology, Vol. 86, 1763-1772 (2012)
- ・ Makoto Take, Makoto Ohnishi, Seigo Yamamoto, Michiharu Matsumoto, Kasuke Nagano, Shoji Fukushima : Distribution of 1,4-dioxane by combined inhalation plus oral exposure routes in rats.
International Journal of Environmental Analytical Chemistry, Vol. 92, 1715-1728. (2012)
- ・ Tomoyuki Kamigaito, Tadashi Noguchj, Kazunori Narumi, Rie Takashima, Shuichi Hamada, Hisakazu Sanada, Masayuki Hasuko, Hiroyuki Hayashi, Kenichi Masumura and Takehiko Nohmi : Evaluation of the in vivo Mutagenicity of Nickel Subsulfide in the Lung of F344 *gpt* delta Transgenic Rats Exposed by Intratracheal Instillation - A Collaborative Study for the *gpt* delta Transgenic Mutation Assay-.
Genes and Environment, Vol. 34, 34-44. (2012)
- ・ Kanji Yamasaki and Hirokazu Okuda : Comparison of endocrine-mediated effects of two bisphenol A related compounds, 2,2-bis (4-cyatophenyl) propane and 4,4'-cyclihexylidenobisphenol, based on subacute oral toxicity studies using rats.
Toxicology Letters, Vol. 208, 162-167. (2012)

- Charatda Punvittayagul, Wilart Pompimon, Hideki Wanibuchi, Shoji Fukushima, Rawiwan Wongpoomchai. Effects of Pinocembrin on the Initiation and Promotion Stages of Rat Hepatocarcinogenesis.
Asian Pacific Journal of Cancer Prevention, Vol.13, 2257–2261. (2012)
- Shoji Fukushima, Min Wei, Anna Kakehashi, Hideki Wanibuchi. Threshold for Genotoxic Carcinogens : The Central Concern in Carcinogenic Risk Assessment.
Genes and Environment, Vol. 34, 153–156. (2012)
- Min Wei, Anna Kakehashi, Shotaro Yamano, Seiko Tamano, Tomoyuki Shirai, Hideki Wanibuchi, Shoji Fukushima. Lack of Hepatocarcinogenicity of Combinations of Low Doses of 2-amino-3, 8-dimethylimidazo[4, 5- f] quinoxaline and Diethylnitrosamine in Rats : Indication for the Existence of a Threshold for Genotoxic Carcinogens.
J. Toxicologic Pathology, Vol. 25, 209–214. (2012)

2011

- Akihiro Hagiwara, Yuko Doi, Norio Imai, Hironao Nakashima, Takahiro Ono, Mayumi Kawabe, Fumio Furukawa, Seiko Tamano, Kasuke Nagano, Shoji Fukushima : Medium-term multi-organ carcinogenesis bioassay of ethyl tertiary-butyl ether in rats.
Toxicology, Vol. 289, 160–166. (2011)
- 福島昭治 : 発がんリスク評価研究における動物実験の位置づけ.
Histro-Logic Japan, Vol. 39 No.1. (2011)
- 福島昭治 : 毒性病理学総論、消化器 毒性学教育講座 上巻 1–49. (2011)
- 福島昭治 : フェルブイ膀胱炎物語 福島原子力発電所の災禍を前に思う. 化学生物総合管理 第7巻 第2号 56–57. (2011)
- Tetsuya Takeuchi, Hirokazu Okuda, Yoko Kasahara, Sugako Ushigome, Ikue Aihara, and Shoji Fukushima : Differences in spontaneous fetal abnormalities among three outbred stocks of Wistar Hannover rats in Japan.
Congenital Anomalies, Vol. 51, 149–152. (2011)
- Min Wei, Hideki Wanibuchi, Dai Nakae, Hiroyuki Tsuda, Satoru Takahashi, Masao Hirose, Yukari Totsuka, Masae Tatematsu, and Shoji Fukushima : Low-dose carcinogenicity of 2-amino-3-methylimidazo[4, 5-f]quinoline in rats : Evidence for the existence of no-effect levels and a mechanism involving p21Cip/WAF1.
Cancer Science, Vol.102, 88–94. (2011)

- Yaowares Chusiri, Rawiwan Wongpoomchai, Anna Kakehashi, Min Wei, Hideki Wanibuchi, Usanee Vinitketkumnuan, and Shoji Fukushima : Non-genotoxic mode of action and possible threshold for hepatocarcinogenicity of Kojic acid in F344 rats.
Food and Chemical Toxicology, Vol. 49, 471–476. (2011)

- Kasuke Nagano, Kaoru Gotoh, Tatsuya Kasai, Shigetoshi Aiso, Tomoshi Nishizawa, Makoto Ohnishi, Naoki Ikawa, Yoko Eitaki, Kenichi Yamada, Heihachiro Arito and Shoji Fukushima : Two and 13-week Inhalation Toxicities of Indium-tin Oxide and Indium Oxide in Rats.
Journal of Occupational Health, Vol. 53, 51–63. (2011)

- Kasuke Nagano, Tomoshi Nishizawa, Yoko Eitaki, Makoto Ohnishi, Tadashi Noguchi, Heihachiro Arito and Shoji Fukushima : Pulmonary Toxicity in Mice by 2- and 13-week Inhalation Exposures to Indium-Tin Oxide and Indium Oxide Aerosols.
Journal of Occupational Health, Vol. 53, 234–239. (2011)

- Kasuke Nagano, Tomoshi Nishizawa, Yumi Umeda, Tatsuya Kasai, Tadashi Noguchi, Kaoru Gotoh, Naoki Ikawa, Yoko Eitaki, Yaeko Kawasumi, Tsuneyuki Yamauchi, Heihachiro Arito and Shoji Fukushima : Inhalation Carcinogenicity and Chronic Toxicity of Indium-Tin Oxide in Rats and Mice.
Journal of Occupational Health, Vol. 53, 175–187. (2011)

- Shigetoshi Aiso, Hisayo Kubota, Yumi Umeda, Tatsuya Kasai, Mitsutoshi Takaya, Kazunori Yamazaki, Kasuke Nagano, Toshio Sakai, Shigeki Koda, Shoji Fukushima : Translocation of Intratracheally Instilled Multiwall Carbon Nanotubes to Lung-Associated Lymph Nodes in Rats.
Industrial Health, Vol. 49, 215–220. (2011)

- Ayako Sakai, Kiyoshi Sasaki, Kumiko Hayashi, Dai Muramatsu, Shoko Arai, Nobuko Endou, Sachiko Kuroda, Albrecht Poth, Susanne Bohnenberger, Thorsten Kunkelmann, Masumi Asakura, Hideki Hirose, Nan a Ishii, Fukutaro Mizuhashi, Sawako Kasamoto, Miho Nagai, Kamala Pant, Shannon W. Bruce, Jamie E. Sly, Shojiro Yamazaki, Makoto Umeda, Noriho Tanaka : An international validation study of a Bhas 42 cell transformation assay for the prediction of chemical carcinogenicity.
Mutation Research, Vol. 725, 57–77. (2011)

2010

- Mitsutoshi Takaya, Fumio Serita, Kazunori Yamazaki, Shigetoshi Aiso, Hisayo Kubota, Masumi Asakura, Naoki Ikawa, Kasuke Nagano, Heihachiro Arito, Shoji Fukushima : Characteristics of multiwall carbon nanotubes for an intratracheal instillation study with rats.

- Industrial Health, Vol. 48, 452-459. (2010)
- ・ 鰐淵英機、魏民、石井真美、福島昭治：癌組織像を診る 膀胱癌の組織像。
膀胱癌 FRONTIER, Vol. 2, No.1, 2-7. (2010)
 - ・ 鶴岡秀志、遠藤守信、福島昭治：特集 ナノファイバーが拓く繊維の新しい世界、ナノファイバーの安全性 -多層カーボンナノチューブ (MWCNT) を中心として-。
工業材料, Vol. 58, No. 6, 32-41. (2010)
 - ・ 福島昭治：添加物に関する食品健康影響評価指針 (案)。
日本食品添加物ニュース, Vol. 30, No. 2, 71-104. (2010)
 - ・ Shoji Fukushima, Min Wei, Anna Kakehashi, and Hideki Wanibuchi : Thresholds for Genotoxic Carcinogens: Evidence from Mechanism-based Carcinogenicity Studies. In: Cancer Risk Assessment Chapter 8, pp207-221. Wiley. (2010)
 - ・ Makoto Take, Seigo Yamamoto, Makoto Ohnishi, Michiharu Matsumoto, Kasuke Nagano, Takashi Hirota and Shoji Fukushima : Chloroform distribution and accumulation by combined inhalation plus oral exposure routes in rats.
Journal of Environmental Science and Health part A, Vol. 45, 1616-1624. (2010)
 - ・ Masumi Asakura, Toshiaki Sasaki, Toshie Sugiyama, Mitsutoshi Takaya, Shigeki Koda, Kasuke Nagano, Heihachiro Arito and Shoji Fukushima : Genotoxicity and Cytotoxicity of Multi-wall Carbon Nanotubes in Cultured Chinese Hamster Lung Cell in Comparison with Chrysotile A Fibers.
Journal of Occupational Health, Vol. 52, 155-160. (2010)
 - ・ 福島昭治：高齢者である私のがん予防。
日本がん予防学会 NEWS LETTER, No. 66, 6-7. (2010)
 - ・ 福島昭治、浅倉真澄、相磯成敏、長野嘉介：ナノ材料の安全性-世界最前線-, 第8章「多層カーボンナノチューブの有害性情報」 p69-94. 株式会社 SPI インフォメーション. (2010)
 - ・ Shigetoshi Aiso, Kazunori Yamazaki, Yumi Umeda, Masumi Asakura, Tatsuya Kasai, Mitsutoshi Takaya, Tadao Toya, Shigeki Koda, Kasuke Nagano, Heihachiro Arito and Shoji Fukushima : Pulmonary Toxicity of Intratracheally Instilled Multiwall Carbon Nanotubes in Male Fischer 344 Rats.
Industrial Health, Vol. 48, 783-795. (2010)
 - ・ 福島昭治：環境化学物質の長期発がん原性試験の現況と将来：将来への展望. The Outlook for the Future of Long-term Carcinogenic Bioassays of Environmental Chemicals

FFI ジャーナル, Vol. 215, No. 4, 410-414. (2010)

- ・ 鰐淵英機、魏民、福島昭治：癌組織像を診る 膀胱癌の発症メカニズム—多中心性発生説—。
膀胱癌 FRONTIER, Vol. 2, No. 2, 4-6. (2010)
- ・ Yumi Umeda, Michiharu Matsumoto, Shigetoshi Aiso, Tomoshi Nishizawa, Kasuke Nagano, Heihachiro Arito and Shoji Fukushima : Inhalation carcinogenicity and toxicity of 1,2-dichloropropane in rats.
Inhalation Toxicology, Vol. 22, 1116-1126. (2010)

2009

- ・ Hisao Ohbayashi, Yumi Umeda, Hideki Senoh, Tatsuya Kasai, Hirokazu Kano, Kasuke Nagano, Heihachiro Arito, Shoji Fukushima : Enhanced hepatocarcinogenicity by combined inhalation and oral exposures to N,N-dimethylformamide in male rats.
The Journal of Toxicological Sciences, Vol. 34, 53-63. (2009)
- ・ 福島昭治：特集：わが国における食品によるがん化学予防研究の現況と将来への展望 (Feature Articles : The Present Status and Future of Food Chemopreventive Research for Cancer in Japan) 総合的に見た現況と将来 (Overall Present and Future Viewpoints).
Food & Food Ingredients Journal of Japan, Vol. 214, 262-266. (2009)
- ・ Shoji Fukushima, Anna Kakehashi, Min Wei and Hideki Wanibuchi: Existence of a threshold for the Genotoxic Carcinogens : Evidence from Mechanism-based Carcinogenicity Studies.
Genes and Environment, Vol. 31, 33-36. (2009)
- ・ Kazunori Yamazaki, Masaaki Suzuki, Hirokazu Kano, Yumi Umeda, Michiharu Matsumoto, Masumi Asakura, Kasuke Nagano, Heihachiro Arito and Shoji Fukushima : Oral carcinogenicity and toxicity of 2-amino-4-chlorophenol in rats.
Journal of Occupational Health, Vol. 51, 249-260. (2009)
- ・ 福島昭治：新しい発がん性試験法の開発と動物から人への外挿。(Rat medium-term bioassays for rapid detection of carcinogenic potential of Chemicals and Carcinogenic Threshold.)
産業医学レビュー, Vol. 22, 13-25. (2009)
- ・ Makoto Take, Makoto Ohnishi, Kasuke Nagano, Seigo Yamamoto, Shoji Fukushima : Design and performance of a system for blood collection of rats under whole-body inhalation exposure.
The Journal of Toxicological Sciences, Vol. 34, 221-226. (2009)
- ・ Makoto Ohnishi, Makoto Take, Seigo Yamamoto, Shoji Fukushima. and Hirofumi Yajima. : Identification of an N-acetylcysteine conjugate in the urine after oral administration of

2,4-dichloro-1-nitrobenzene to rats.

The Journal of Toxicological Sciences, Vol. 34, 233-237. (2009)

- Tatsuya Kasai, Hirokazu Kano, Yumi Umeda, Toshiaki Sasaki, Naoki Ikawa, Tomoshi Nishizawa, Kasuke Nagano, Heihachiro Arito, Hiroshi Nagashima and Shoji Fukushima. : Two-year inhalation study of carcinogenicity and chronic toxicity of 1,4-dioxane in male rats. Inhalation Toxicology, Vol.21, 889-897. (2009)
- 長野 嘉介: 創薬シリーズ(3)その3 化学物質を医薬品にするために必要な安全性試験[12] 呼吸器系の毒性. 日薬理誌 (Folia Pharmacol. Jpn.) , Vol. 133, 87-90. (2009)
- Hirokazu Kano, Yumi Umeda, Tatsuya Kasai, Toshiaki Sasaki, Michiharu Matsumoto, Kazunori Yamazaki, Kasuke Nagano, Heihachiro Arito and Shoji Fukushima: Carcinogenicity studies of 1,4-dioxane administered in drinking-water to rats and mice for 2 years. Food and Chemical Toxicology, Vol. 47, 2776-2784. (2009)

2008

- Hirokazu Kano, Yumi Umeda, Misae Saito, Hideki Senoh, Hisao Ohbayashi, Shigetoshi Aiso, Kazunori Yamazaki, Kasuke Nagano, Shoji Fukushima : Thirteen-week oral toxicity of 1,4-dioxane in rats and mice. The Journal of Toxicological Sciences, Vol. 33, 141-153. (2008)
- Tatsuya Kasai, Misae Saito, Hideki Senoh, Yumi Umeda, Shigetoshi Aiso, Hisao Ohbayashi, Tomoshi Nishizawa, Kasuke Nagano, Shoji Fukushima : Thirteen-week inhalation toxicity of 1,4-dioxane in rats. Inhalation Toxicology, Vol. 20, 961-971. (2008)
- Hisao Ohbayashi, Misae Saito, Hideki Senoh, Yumi Umeda, Shigetoshi Aiso, Kazunori Yamazaki, Kasuke Nagano, Seigo Yamamoto, Shoji Fukushima : Occurrence of two different types of glutathione S-transferase placental form-positive hepatocytes after a single administration of 2,3,7,8-tetrabromodibenzo-*p*-dioxin in rats. Industrial Health, Vol. 46, 281-288. (2008)
- Hisao Ohbayashi, Kazunori Yamazaki, Shigetoshi Aiso, Kasuke Nagano, Shoji Fukushima, Hisayosi Ohta : Enhanced proliferative response of hepatocytes to combined inhalation and oral exposures to N,N-dimethylformamide in male rats. The Journal of Toxicological Sciences, Vol. 33, 327-338. (2008)
- 福島昭治 : 発がん物質の同定:新しい発がん試験法の開発と動物から人への外挿

労働安全衛生研究, Vol.1, No.2, 141-149. (2008)

- ・福島昭治：発がん物質のリスクアセスメント：科学的根拠に基づく新しい対応
FFI ジャーナル, Vol. 213, No.4 (2008)
- ・福島昭治、魏 民、梯アンナ、鰐淵英機：環境化学発がん物質とその閾値—食品などに含まれる
発がん物質を例として—
クリーンテクノロジー, Vol. 18, 20-25. (2008)
- ・Masumi Asakura, Toshiaki Sasaki, Toshie Sugiyama, Shoji Fukushima and Taijiro Matsushima,
An improved system for exposure of cultured mammalian cells to gaseous compounds in the
chromosomal aberration assay.
Mutation Research, Vol. 652, 122-130. (2008)

2007

- ・Kasuke Nagano, Yumi Umeda, Misae Saito, Tomoshi Nishizawa, Naoki Ikawa, Heihachiro Arito,
Seigo Yamamoto and Shoji Fukushima : Thirteen-week Inhalation Toxicity of Carbon
Tetrachloride in Rats and Mice.
Journal of Occupational Health, Vol. 49, 249-259. (2007)
- ・Hisao Ohbayashi, Toshiaki Sasaki, Michiharu Matsumoto, Tadashi Noguchi, Kazunori Yamazaki,
Shigetoshi Aiso, Kasuke Nagano, Heihachiro Arito and Seigo Yamamoto : Dose- and
time-dependent effects of 2,3,7,8-tetrabromodibenzo-p-dioxin on rat liver.
The Journal of Toxicological Sciences, Vol. 32, 47-56. (2007)
- ・Kaske Nagano, Toshiaki Sasaki, Yumi Umeda, Tomoshi Nishizawa, Naoki Ikawa, Hisao Ohbayashi,
Heihachiro Arito, Seigo Yamamoto, Shoji Fukushima : Inhalation carcinogenicity and chronic
toxicity of carbon tetrachloride in rats and mice.
Inhalation Toxicology, Vol. 19, 1089-1103. (2007)
- ・Shoji Fukushima, Hideki Wanibuchi, Min Wei, Keiichirou Morimura, Anna Kinoshita :
Thirteen-week Inhalation Toxicity of Carbon Tetrachloride in Rats and Mice.
FOODS & FOOD INGREDIENTS JOURNAL OF JAPAN, Vol. 212, 455-459. (2007)
- ・福島昭治、鰐淵英機、魏民：毒性病理学の最近の話題 発がん物質には閾値が存在する。
病理と臨床, Vol. 25, No.8. (2007)
- ・福島昭治：食品中の発がん物質とリスク評価。
食品衛生研究, Vol. 57, No.12, 7. (2007)

2006

- ・福島昭治 : 食品と発がん物質
日本医事新報, 第 431 号, 63-67. (2006)
- ・Hirokazu Okuda, Tetsuya Takeuchi, Hideki Senoh, Heihachiro Arito, Kasuke Nagano, Seigo Yamamoto and Taijiro Matsushima : Effects of Inhalation Exposure to Propylene Oxide on Respiratory Tract, Reproduction and Development in Rats.
Journal of Occupational Health, Vol. 48, 462-473. (2006)
- ・Michiharu Matsumoto, Shigetoshi Aiso, Yumi Umeda, Heihachiro Arito, Kasuke Nagano, Seigo Yamamoto and Taijiro Matsushima : Thirteen-week oral toxicity of para- and ortho-chloronitrobenzene in rats and mice.
The Journal of Toxicological Science, Vol. 31, 9-22. (2006)
- ・Kazunori Yamazaki, Shigetoshi Aiso, Michiharu Matsumoto, Hirokazu Kano, Heihachiro Arito, Kasuke Nagano, Seigo Yamamoto and Taijiro Matsushima : Carcinogenicity and chronic toxicity of 1,4-dichloro-2-nitrobenzene in rats and mice by two years feedings.
Industrial Health, Vol. 44, 230-243. (2006)
- ・Seigo Yamamoto, Kasuke Nagano, Hideki Senoh, Tetsuya Takeuchi, Michiharu Matsumoto, Hisao Ohbayashi, Tadashi Noguchi, Kazunori Yamazaki, Heihachiro Arito and Taijiro Matsushima : Systemic and myelotoxic effects of single administration of,3,7,8-tetrabromodibenzo-p-dioxin in rats.
Environmental Health and Preventive Medicine, Vol. 11, 136-144. (2006)
- ・Hirokazu Okuda, Tetsuji Nagao : Cardiovascular malformations induced by prenatal exposure to phenobarbital in rats.
Congenital Anomalies, Vol. 46, 97-104. (2006)
- ・Hirokazu Okuda, Tetsuya Takeuchi, Hideki Senoh, Heihachiro Arito, Kasuke Nagano, Seigo Yamamoto and Taijiro Matsushima : Developmental toxicity induced by inhalation exposure of pregnant rats to N,N-Dimethylacetamide.
Journal of Occupational Health, Vol.48, 154-160. (2006)
- ・Kasuke Nagano, Hirokazu Kano, Heihachiro Arito, Seigo Yamamoto and Taijiro Matsushima : Enhancement of renal carcinogenicity by combined inhalation and oral exposures to chloroform in male rats.
Journal of Toxicology and Environmental Health, Part A, Vol. 69, 1827-1842. (2006)
- ・Michiharu Matsumoto, Yumi Umeda, Hideki Senoh, Masaaki Suzuki, Hirokazu Kano, Taku Katagiri,

Shigetoshi Aiso, Kazunori Yamazaki, Heihachiro Arito, Kasuke Nagano, Seigo Yamamoto and Taijiro Matsushima : Two-year feed study of carcinogenicity and chronic toxicity of ortho-chloronitrobenzene in rats and mice.

The Journal of Toxicological Science, Vol. 31, 247-264. (2006)

- Michiharu Matsumoto, Shigetoshi Aiso, Hideki Senoh, Kazunori Yamazaki, Heihachiro Arito, Kasuke Nagano, Seigo Yamamoto and Taijiro Matsushima : Carcinogenicity and chronic toxicity of para-chloronitrobenzene in rats and mice by two-year feeding.

Journal of Environmental Pathology, Toxicology, and Oncology Vol. 25. 571-584 . (2006)

- Kasuke Nagano, Yumi Umeda, Hideki Senoh, Kaoru Gotoh, Heihachiro Arito, Seigo Yamamoto and Taijiro Matsushima : Carcinogenicity and chronic toxicity in rats and mice exposed by inhalation to 1,2-dichloroethane for two years.

Journal of Occupational Health, Vol. 48, 424-436. (2006).

- 山本静護 : 臭素化ダイオキシンの毒性
産業医学レビュー, Vol. 19, 73-85. (2006)

- Kanji Yamasaki, Ryo Ohta and Hirokazu Okuda : OECD Validation of the Hershberger Assay in Japan: Phase 3. Blind study using coded chemicals.

Toxicology Letters, Vol. 163, 121-129, (2006)

2005

- Yumi Umeda, Shigetoshi Aiso, Kazunori Yamazaki, Makoto Ohnishi, Heihachiro Arito, Kasuke Nagano, Seigo Yamamoto, Taijiro Matsushima : Carcinogenicity of Biphenyl in Mice by Two Years Feeding.

The Journal of Veterinary Medical Science, Vol. 67, 417-424, (2005)

- Shigetoshi Aiso, Heihachiro Arito, Tomoshi Nishizawa, Kasuke Nagano, Seigo Yamamoto and Taijiro Matsushima : Thirteen-week inhalation toxicity of p-dichlorobenzene in mice and rats.

Journal of Occupational Health, Vol. 47, 249-260. (2005)

- Kazunori Yamazaki, Makoto Ohnishi, Shigetoshi Aiso, Michiharu Matsumoto, Heihachiro Arito, Kasuke Nagano, Seigo Yamamoto and Taijiro Matsushima : Two-week oral toxicity study of 1,4-dichloro-2-nitrobenzene in rats and mice.

Industrial Health, Vol. 43, 308-319. (2005)

- Kazunori Yamazaki, Shigetoshi Aiso, Michiharu Matsumoto, Heihachiro Arito, Kasuke Nagano, Seigo Yamamoto and Taijiro Matsushima : Thirteen-week oral toxicity study of

1,4-dichloro-2-nitrobenzene in rats and mice.
Industrial Health, Vol. 43, 597-610. (2005)

- Shigetoshi Aiso, Tetsuya Takeuchi, Heihachiro Arito, Kasuke Nagano, Seigo Yamamoto and Taijiro Matsushima : Carcinogenicity and chronic toxicity in mice and rats exposed by inhalation to para-dichlorobenzene for two years.
The Journal of Veterinary Medical Science, Vol. 67, 1019-1029. (2005)

2004

- Yumi Umeda, Michiharu Matsumoto, Kazunori Yamazaki, Makoto Ohnishi, Heihachiro Arito, Kasuke Nagano, Seigo Yamamoto and Taijiro Matsushima : Carcinogenicity and Chronic Toxicity in Mice and Rats Administered Vinyl Acetate Monomer in Drinking Water.
Journal of Occupational Health, Vol. 46, 87-99. (2004)
- Yumi Umeda, Michiharu Matsumoto, Kazunori Yamazaki, Makoto Ohnishi, Heihachiro Arito, Kasuke Nagano, Seigo Yamamoto, Taijiro Matsushima : Response to Dr. Bogdanffy et al.'s comments to our paper.
Journal of Occupational Health, Vol. 46, 250-251. (2004)
- Makoto Ohnishi, Kazunori Yamazaki, Seigo Yamamoto, Taijiro Matsushima : Characterization of N-Acetylcysteine Conjugate in Yellow Urine by Oral Administration of 1,4-Dichloro-2-Nitrobenzene in Rats.
Journal of Health Science, Vol. 50, 319-322. (2004)
- Yumi Umeda, Shigetoshi Aiso, Heihachiro Arito, Kasuke Nagano and Taijiro Matsushima : Induction of Peroxisome Proliferation in the Liver of Biphenyl -Fed Female Mice.
Journal of Occupational Health, Vol. 46, 486-488. (2004)
- M. Kakuni, H. Senoh, K. Morimura, H. Wanibuchi, K. Takaba, K. Nagano, S. Fukushima : Absence of β -catenin mutations in mouse hepatoblastomas induced by N,N-dimethylformamide.
J Toxicol Pathol, Vol. 17, 261-265. (2004)
- H. Senoh, S. Aiso, H. Arito, T. Nishizawa, K. Nagano, S. Yamamoto and T. Matsushima : Carcinogenicity and chronic toxicity after inhalation exposure of rats and mice to N,N-dimethylformamide.
J. Occup. Health, Vol. 46, 429-439. (2004)
- Tetsuya Takeuchi, Hirokazu Okuda, Heihachiro Arito, Kasuke Nagano, Seigo Yamamoto, Taijiro Matsushima : Developmental effects of inhalation exposure to 2-bromopropane in rats.
Reproductive Toxicology, Vol. 18, 431-437. (2004)

- Akihiro Araki, Tomoyuki Kamigaito, Toshiaki Sasaki, and Taijiro Matsushima : Mutagenicity of carbon tetrachloride and chloroform in *Salmonella typhimurium* TA98, TA100, TA1535, and TA1537, and *Escherichia coli* WP2uvrA/pKM101 and WP2/pKM101, Using a gas exposure method. *Environmental and Molecular Mutagenesis*, Vol. 43, 128–133. (2004)

2003

- Tetsuya Takeuchi, Hirokazu Okuda, Heihachiro Arito, Kasuke Nagano, Seigo Yamamoto and Taijiro Matsushima : Ages of Immature Rats Suitable for Uterotrophic Assay. *Environmental Science*, Vol.10, 273–278. (2003)
- Tomoko Akase, Shohei Yamashina, Tomohide Akase, Satoshi Onodera, Hirokazu Okuda, Shin-ichi Tashiro : Effects of Liver –Supplemented Food on the Development of Embryos in Mice. *Biological Pharmaceutical Bulletin*, Vol.26, 553–556. (2003)
- Kanji Yamasaki, Masakuni Sawaki, Ryo Ohta, Hirokazu Okuda, Seiichi Katayama, Tomoya Yamada, Takafumi Ohta, Tadashi Kosaka, Williams Owens : OECD Validation of the Hershberger Assay in Japan : Phase 2 Dose Response of Methyltestosterone, Vinclosolin, and *p,p'*-DDE. *Environmental Health Perspectives*, Vol. 116, 1912–1919. (2003)
- Taku Katagiri, Shigetoshi Aiso, Hideki Senoh, Yumi Umeda, Tetsuya Takeuchi and Kasuke Nagano : Adenoma of Nasal Submucosal Glands in the BDF1 Mouse–One Case among 2000 Controls in 2-Year Carcinogenicity Studies–. *Journal of Toxicologic Pathology*, Vol. 16, 179–181. (2003)
- Hideki Senoh, Taku Katagiri, Heihachiro Arito, Tomoshi Nishizawa, Kasuke Nagano, Seigo Yamamoto and Taijiro Matsushima : Toxicity due to 2-and 13wk. Inhalation Exposures of Rats and Mice to N,N-Dimethylformamide. *Journal of Occupational Health*, Vol. 45, 365–375. (2003)
- Tetsuya Tsukamoto, Masami Yamamoto, Naotaka Ogasawara, Toshikazu Ushijima, Tomoko Nomoto, Hirofumi Fujita, Taijiro Matsushima, Koji Nozaki, Xueyuan Cao and Masae Tatematsu : β -Catenin mutations and nuclear accumulation during progression of rat stomach adenocarcinomas. *Cancer Science*, Vol. 94, 1046–1051. (2003)

2002

- H. Kano, K. Goto, M. Suzuki, K. Yamazaki, T. Nishizawa, H. Arito, S. Yamamoto and T. Matsushima : An exposure system for combined administration of an organic solvent to rodents

by inhalation and water-drinking and its operational performance.

Journal of Occupational Health, Vol. 44, 119–124. (2002)

- T. Kasai, T. Nishizawa, H. Arito, K. Nagano, S. Yamamoto, T. Matsushima and T. Kawamoto : Acute and subchronic inhalation toxicity of chloroform in rats and mice. Journal of Occupational Health, Vol.44, 193–202. (2002)
- Y. Umeda, H. Arito, H. Kano, M. Ohnishi, M. Matsumoto, K. Nagano, S. Yamamoto and T. Matsushima : Two-year study of carcinogenicity and chronic toxicity of biphenyl in rats. Journal of Occupational Health, Vol. 44, 176–183. (2002)
- S. Yamamoto, T. Kasai, M. Matsumoto, T. Nishizawa, H. Arito, K. Nagano and T. Matsushima : Carcinogenicity and chronic toxicity in rats and mice exposed to chloroform by inhalation. Journal of Occupational Health, Vol. 44, 283–293. (2002)

2001

- Tetsuya Takeuchi, Hirokazu Okuda, Seigo Yamamoto, Yoko Kasahara, Sugako Ushigome, Masahiro Mizutani and Taijiro Matsushima : Uterotrophic Assay in Immature Crj:CD(SD) IGS Rats – Effects of Aging and Weaning –, in: Biological Reference Data on CD(SD) IGS Rats –2001, pp92–97. (2001)
- M. Ohnishi, H. Yajima, T. Takeuchi, M. Saito, K. Yamazaki, T. Kasai, K. Nagano, S. Yamamoto, T. Matsushima and T. Ishii : Mechanism of urinary tract crystal formation following biphenyl treatment. Toxicology and Applied Pharmacology, Vol. 174, 122–129. (2001)

2000

- Tetsuya Takeuchi, Hirokazu Okuda, Yoko Kasahara, Sugako Ushigome, Erina Niikura, Masahiro Mizutani and Taijiro Matsushima : Background Control Data of Reproductive and Developmental Toxicity Study in Crj:CD(SD) IGS Rats– 2000. in: Biological Reference Data on CD(SD) IGS Rats – 2000, pp136–140, (2000)
- T. Katagiri, T. Takeuchi, T. Mine, T. Noguchi, T. Nishizawa, S. Yamamoto, M. Okudaira and T. Matsushima : Chronic inhalation toxicity and carcinogenicity studies of 3-chloro-2-methylpropene in BDF1mice. Industrial Health, Vol. 38, 309–318. (2000)
- M. Ohnishi, H. Yajima, T. Takemura, S. Yamamoto, T. Matsushima and T. Ishii : Characterization of hydroxy-biphenyl 1-o-sulfates in urine and urine crystals induced by biphenyl and KHC03

administration in rats.

Journal of Health Science, Vol. 46, 299-303. (2000)

- M. Ohnishi, H. Yajima, T. Takemura, S. Yamamoto, T. Matsushima and T. Ishii : Sex dependence of the components and structures of urinary calculi induced by biphenyl administration in rats.

Chemical Research in Toxicology, Vol. 13, 727-735. (2000)

1999

- Tetsuya Takeuchi, Hirokazu Okuda, Sugako Ushigome, Yoko Kasahara, Yoshie Kawaguchi, and Taijiro Matsushima : Background Control Data of Reproductive and Developmental Toxicity Study in Crj:CD(SD) IGS Rats-1999. in: Biological Reference Data on CD(SD) IGS Rats -1999, pp190-195. (1999)

- H. Fujita, K. Nagano, M. Ochiai, T. Ushijima, T. Sugimura, M. Nagao and T. Matsushima : Difference in target organs in carcinogenesis with a heterocyclic amine, 2-amino-3,4-dimethylimidazo[4,5-f]quinoline, in different strains of mice.

Japanese Journal of Cancer Research, Vol. 90, 1203-1206. (1999)

- S. Yamamoto, T. Nishizawa, K. Nagano, S. Aiso, T. Takeuchi and T. Matsushima : Development of resistance to chloroform toxicity in male BDF1 mice exposed to a stepwise increase in chloroform concentration.

The Journal of Toxicological Sciences, Vol. 24, 421-424. (1999)

- T. Matsushima, M. Hayashi, A. Matsuoka, M. Ishidate Jr., K. Miura, H. Shimizu, Y. Suzuki, K. Morimoto, H. Ogura, K. Mure, K. Koshi and T. Sofuni : Validation study of the in vitro micronucleus test in a Chinese hamster lung line(CHL/IU).

Mutagenesis, Vol. 14, 569-580. (1999)

1998

- Hirokazu Okuda, Tetsuya Takeuchi, Sugako Ushigome, Yoko Kasahara, Yoshie Kawaguchi, and Taijiro Matsushima : Background Control Data of Reproductive and Developmental Toxicity Study in Crj:CD(SD) IGS Rats-1998. in: Biological Reference Data on CD(SD) IGS Rats-1998, pp183-187. (1998)

- 大西誠, 武信, 佐川みつ代, 山本静護, 松島泰次郎 : ビフェニル投与により雄ラットの膀胱内に認められた結石の成分分析

衛生化学, Vol. 44, 256-263. (1998)

- T. Katagiri, K. Nagano, S. Aiso, H. Senoh, Y. Sakura, T. Takeuchi and M. Okudaira : A pathological study on spontaneous hepatic neoplasms in BDF1mice.
Journal of Toxicologic Pathology, Vol. 11, 21-25. (1998)
- M. Nagao, H. Fujita, M. Ochiai, K. Wakabayashi, T. Sofuni, T. Matsushima, T. Sugimura and T. Ushijima : No direct correlation between mutant frequencies and cancer incidence induced by MeIQ in various organs of Big Blue[®] mice.
Mutation Research, Vol. 400, 251-257. (1998)
- M. J Ramsey, M. Nago, Rie Inoue, H. Fujita, T. Matsushima and J.D. Tucker : Chromosome aberrations induced in mice by chronic feeding of 2-amino-3,4-dimethylimidazo [4,5-f] quinoline (MeIQ).
Food and Chemical Toxicology, Vol. 36, 467-474. (1998)
- T. Takeuchi, K. Nagano, T. Katagiri, S. Aiso, M. Okudaira, and K. Fujiwara : Incidence of respiratory metaplasia of the nasal gland epithelium in untreated F344 rats and BDF1 mice subjected to two-year carcinogenicity studies.
Journal of Toxicologic Pathology, Vol. 11, 209-212. (1998)
- K. Nagano, T. Nishizawa, S. Yamamoto, and T. Matsushima (1998) : Inhalation Carcinogenesis studies of six halogenated hydrocarbons in rats and mice. in: Advances in the Prevention of Occupational Respiratory Diseases (K. Chiyotani, Y. Hosoda and Y. Aizawa, Eds), pp741-746, Elsevier Science, B.V. (1998)

1997

- 荒木明宏 : シンポジウム「21世紀に向けての環境変異原研究の目指すもの」「環境汚染物質のモニタリングに変異原試験はどこまで有効か」農薬, 医薬品の変異がん原性
Environ. Mutagen. Res, Vol. 19, 55-61. (1997)
- T. Takeuchi, K. Nagano, S. Aiso, T. Katagiri, M. Okudaira, K. Fujiwara : Occurrence of foreign body rhinitis in F344 rats during toxicologic studies.
Journal of Toxicologic pathology, Vol. 10, 25-29. (1997)
- K. Nagano, T. Katagiri, S. Aiso, H. Senoh, Y. Sakura, T. Takeuchi : Spontaneous lesions of nasal cavity in aging F344 rats and BDF1 mice.
Experimental Toxic Pathology, Vol. 49, 97-104. (1997)
- T. Takeuchi, K. Nagano, T. Katagiri, S. Aiso, M. Okudaira, and K. Fujiwara : Increased incidence of foreign body rhinitis in F344 rats during two-year inhalation exposure to methyl bromide.

Journal of Toxicologic Pathology, Vol. 10, 145-148. (1997)

- Y. Sakura : Periodontal inflammatory and cystlike lesion in BDF1 and B6C3F1 mice.
Veterinary Pathology, Vol. 34, 460-463. (1997)

1996

- 荒木明宏 : 気相暴露による微生物変異原性試験法の開発とその応用
Environ. Mutagen. Res., Vol. 18, 5-13. (1996)
- A. Matsuoka, K. Yamakage, H. Kusakabe, S. Wakuri, M. Asakura, T. Noguchi, T. Sugiyama, H. Shimada, S. Nakayama, Y. Kasahara, Y. Takahashi, K. F. Miura, M. Hatanaka, M. Ishidate, Jr., T. Morita, K. Watanabe, M. Hara, K. Odawara, N. Tanaka, M. Hayashi and T. Sofuni :
Re-evaluation of chromosomal aberration induction on nine mouse lymphoma assay "unique positive" NTP carcinogens.
Mutation Research, Vol. 369, 243-252. (1996)

1995

- K. Watanabe, K. Sakamoto, T. Sasaki : Collaborative study of interlaboratory variability
in salmonella typhimurium TA102 and TA2638 and Escherichia Coli WP2/PKM101 and WP2
urvA/PKM101.
Mutagenesis, Vol. 10, 235-241. (1995)
- A. Araki, F. Kato, T. Matsushima, N. Ikawa and K. Nozaki : Micronuclei induction of methyl
bromide in rats and mice by sub-chronic inhalation toxicity test.
Environ Mutagen Res Commun, Vol. 17, 47-56. (1995)

1994

- A. Araki, T. Noguchi, F. Kato, T. Matsushima : Improved method for mutagenicity testing of
gaseous compounds by using a gas sampling bag.
Mutation Research, Vol. 307, 335-344. (1994)
- D. Gatehouse, S. Haworth, T. Cebula, E. Gocke, L. Kier, T. Matsushima, C. Melcion, T. Nohmi,
T. Ohta, S. Venitt, E. Zeiger : Recommendations for the performance of bacterial mutation
assays.
Mutation Research, Vol. 312, 217-233. (1994)
- M. Enomoto, Y. Hirouchi, H. Iwata, K. Nagano : Non-neoplastic lesions in rodent bioassays.
Journal of Toxicologic Pathology, Vol. 7, 317-328. (1994)

- ・ K. Yamazaki, H. Ohno, M. Asakura, A. Narumi, H. Ohbayashi, H. Fujita, M. Ohnishi, T. Katagiri, H. Senoh, K. Yamanouchi, E. Nakayama, S. Yamamoto, T. Noguchi, K. Nagano, M. Enomoto and H. Sakabe : Two-year toxicological and carcinogenesis studies of 1,4-Dioxane in F344 rats and BDF1 mice(drinking water studies).
Environmental and Occupational Chemical Hazards (2), Proceedings Second Asia-Pacific Symposium on Environmental and Occupational Health, 193-198. (1994)
- ・ K. Gotoh, T. Nishizawa, T. Yamaguchi, H. Kano, T. Kasai, M. Ohsawa, H. Ohbayashi, S. Aiso, N. Ikawa, S. Yamamoto, T. Noguchi, K. Nagano, M. Enomoto, K. Nozaki and H. Sakabe : Two-year toxicological and carcinogenesis studies of methyl bromide in F344rats and BDF1mice. -Inhalation Studies-
Environmental and Occupational Chemical Hazards (2), Proceedings Second Asia-Pacific Symposium on Environmental and Occupational Health, 185-191. (1994)
- ・ T. Noguchi, M. Asakura, T. Sugiyama, T. Matsushima : Asbestos (chrysotile) does not induce micronuclei in mouse bone marrow intraperitoneal or intravenous injections.
MMS Communications, Vol. 2, 75-77. (1994)
- ・ T. Noguchi, M. Asakura, T. Sugiyama, T. Matsushima : N-Nitro-di-n-propylamine induces micronuclei in partially hepatoectomized rat liver but not in mouse bone marrow cells.
MMS Communications, Vol. 2, 79-82. (1994)

1992

- ・ 藤田博文、長野嘉介、大林久雄、山崎一法、鳴海厚男、伊川直樹、山本静護、野口孝義、榎本真、土田武司、中根貞雄 : Minoxidil のラットにおける 52 週間経皮投与による慢性毒性試験。
医薬品研究, Vol. 23, 786-811. (1992)

1990

- ・ 長野嘉介 : 放医研シンポジウム化学物質吸入と粒子物質の吸入とその生物作用の発現機構上部気道病変, No. 21, 161-172. (1990)

1988

- ・ 長野嘉介、榎本真、山内勝彦、相磯成敏、片桐卓 : 上気道病変
Journal of Toxicologic Pathology, 1, 115-127. (1988)
- ・ 荒木明宏、野口忠、松島泰次郎 : ガス状物質の微生物を用いる変異原性試験-テドラ-R バッグを用いる曝露試験

トキシコロジーフォーラム, Vol. 11, 184-193. (1988)

1986

- ・ 荒木明宏、高橋典代、松島泰次郎 : オキシム化合物の変異原性
環境変異原研究, Vol. 8, 55-59. (1986)

1985

- ・ M. Enomoto : How does japan differentiate hyperplasia from neoplasia?
Toxicologic pathology, Vol. 13, 110-118. (1985)

1984

- ・ K. Nagano, E. Nakayama, H. Ohbayashi, T. Nishizawa, H. Okuda, K. Yamazaki : Experimental
studies on toxicity of ethylene glycol alkyl ethers in Japan.
Environmental Health perspectives, Vol. 57, 75-84. (1984)