

CONTENTS

Review Articles

Indoor Air Pollutants and Their Sources

..... Ikue SAITO 11

Efforts to Ensure the Reliability of Examinations in Tokyo

..... Tetsuya SHINDO 23

I Infectious Diseases and Others

< Original Articles >

Detection of Baloxavir Marboxil Resistance Gene Mutation in Influenza A Viruses in Tokyo

..... Ryota KUMAGAI, Mami NAGASHIMA, Akane NEGISHI,
Mamiyo KAWAKAMI, Yurie KITAMURA, Emiko KAKU,
Hiroyuki ASAKURA, Miyuki NAGANO, Yuu YAOITA,
Michiya HASEGAWA, Yukinao HAYASHI, Shunkichi HIRATA,
Hitoshi FUJITA, Tadaaki MASAKI, Hideki KOYANAGI,
Rintaro HASHIMOTO, Takashi KATO, Ikuo MAKITA,
Shunsuke NUMAGUCHI, Noriyuki WADA, Teiichi MATSUNAGA,
Tomoyuki CHIBA, Makoto HOSHINO, Yoh SUZUKI, Nobuyasu SHIMIZU,
Motohiko HAYASHI, Harumi KAJI, Yayoi IGARASHI, Akiko MIYATA,
Satoko KUROSAWA, Noriko MATSUOKA, Asako MIURA,
Masakazu SUZUKI, Toshihiko FUKAHORI, Isafumi KIDOKORO,
Kazuko SATO, Minoru HOUJHO, Tadashi FURUHATA,
Masahide SHIOZAKI, Takashi KAMO, Satoshi AMAKI,
Toshiyuki KAWABE, Keiichi YAMAGAMI, Junichi KATAHIRA,
Mitsuhiko TANAKA, Masahiro NARITA, Kazuko KASHIWADA,
Norio YAMAGUCHI, Takayuki SHINKAI, Takashi CHIBA,
and Kenji SADAMASU 33

< Reports >

Results of Interferon-gamma Release Assay for Tuberculosis in the Examination of *Mycobacterium tuberculosis* -exposed Persons in Tokyo 2018, and Comparison with a New Generation Assay.

..... Megumi ANNAKA, Noeru HASEGAWA, Sumie SHIBASAKI,
Hirofumi MIYAKE, Keiko ISHIHARA, Aya KAEBETA,
Ikumi TAKAHASHI, Keiko YOKOYAMA, and Kenji SADAMASU 39

Evaluation of pathogens in ticks collected from mountains in Tokyo (April 2018_March 2019)

..... Isao YOSHIDA, Emiko KAKU, Ai SUZUKI, Yuta UCHIDA, Kohji MORI,
Takashi CHIBA, and Kenji SADAMASU 45

Detection Status and Subtype Classification of Hepatitis A Virus in Tokyo

..... Hiroyuki ASAKURA, Miyuki NAGANO, Yuu YAOITA,
Mami NAGASHIMA, Sachiko HARADA, Mayuko ODA,
Michiya HASEGAWA, Yukinao HAYASHI, Ryota KUMAGAI,
Akane NEGISHI, Mamiyo KAWAKAMI, Yurie KITAMURA, Emiko KAKU,
Yoshiko SOMURA, Takayuki SHINKAI, Takashi CHIBA,
and Kenji SADAMASU 51

Detection Status of Gastroenteritis Viruses in the Survey of Infectious Diseases in Tokyo (April 2017 to March 2019)	
.....	Hiroyuki ASAKURA, Miyuki NAGANO, Yuu YAOITA, Mami NAGASHIMA, Michiya HASEGAWA, Yukinao HAYASHI, Ryota KUMAGAI, Akane NEGISHI, Mamiyo KAWAKAMI, Yurie KITAMURA, Emiko KAKU, Yoshiko SOMURA, Takayuki SHINKAI, Takashi CHIBA, and Kenji SADAMASU
	57

Molecular Epidemiological Analysis of Norovirus in Tokyo, April 2017—March 2019	
.....	Miyuki NAGANO, Hiroyuki ASAKURA, Mami NAGASHIMA, Yu YAOITA, Yukinao HAYASHI, Michiya HASEGAWA, Akane NEGISHI, Ryota KUMAGAI, Mamiyo KAWAKAMI, Yurie KITAMURA, Emiko KAKU, Mayuko ODA, Yoshiko SOMURA, Takayuki SHINKAI, Takashi CHIBA, and Kenji SADAMASU
	63

Surveillance of Zoonotic Pathogens Carried by Animals in Petting Zoos and Pet Shops in Tokyo from April 2017 to March 2018	
.....	Masayoshi NADAMOTO, Naoko TAKADA, Kai KOBAYASHI, Yukihiro KOUDO, Rie MURATA, Hiroaki KUBOTA, Satomi UEHARA, and Yumi TAKAHASHI
	69

II Pharmaceutical Hygiene

<Original Articles>

Analytical Results of New Psychoactive Substances-Containing Drugs

Purchased over the Internet in April 2018 - March 2019

.....	Daisuke TERAOKA, Miho SAKAMOTO, Jun'ichi NAKAJIMA, Atsuko SUZUKI, Yuri SAITO, Seiko SHIMIZU, Kazue TANAKA, Yuki SAEKI, Yuri MOTEKI, Machiko NAGASHIMA, Misako TAKAHASHI, Tomoko URADE, Yoshimitsu ITO, Jin SUZUKI, Akiko INOMATA, and Takako MORIYASU
	79

<Reports>

The Analytical Results of Ingredients in Cosmetics (April 2016 to March 2018)

.....	Atsuko NARUSE, Hideki HASHIMOTO, Yuri SAITO , Hajime TACHIKAWA , Aya NAKAMURA, Keiko MINOWA, Jin SUZUKI, Akiko INOMATA, and Takako MORIYASU
	85

III Food Hygiene

<Original Articles>

Effect of Culture Temperature in *Vibrio Cholerae* Bacteria Test for Seafood

.....	Keiko YOKOYAMA , Maho KAWAMURA, Noriko KONISHI ^a , Hiromi OBATA, and Kenji SADAMASU
	97

Determination of Doxycycline in Livestock Products and Seafood by LC-MS/MS

.....	Maki KOBAYASHI, Naoko SAKAI, Maki KANDA, Hiroshi HAYASHI, Yuki OMACHI, Yuka MORITA, Satoru NEMOTO and Tsuneo HASHIMOTO
	103

<Reports>

Surveys of Bacterial Contamination in Deer and Boar Meats Marketed in Tokyo (April 2016–March 2018)	
.....	Kana SOEDA, Yukako SHIMOJIMA, Rie FUKUI, Miki IDA, Yukari NISHINO, Sumiyo KURODA, Hinako OHASHI, Ayumi TANAKA, Mitsuko OZOE, Ryoko OKAMURA, Akihiko HIRAI, Jun SUZUKI, and Kenji SADAMASU
	109
Analysis of Off-flavor-producing Yeast Isolated from Food Samples with Complaint Using MALDI-TOF MS	
.....	Shoko YOSHIWARA, Satomi UEHARA, Yumi TAKAHASHI, Takashi CHIBA, Jun SUZUKI, and Kenji SADAMASU
	115
Levels of Radioactive Materials in Foods (April 2018 - March 2019)	
.....	Mayu TAKANASHI, Tomoko YOKOYAMA, Toshiko SHIMOI, Kenji IIDA, Izumi HIRAYAMA, Emi HASEGAWA, Yuka OKA, Hiroko SHIRADOU, Fumika HAMADA, Satomi MATSUZAWA, Yumi OONO, and Hisako NAKANO
	121
Outbreaks of Poisoning by Chemicals or Naturally Occurring Toxicants in Tokyo During 2018	
.....	Keisuke KIMURA, Tomoya TANAKA, Kimiko KAN, Hisako NAKANO, and Takeo SASAMOTO
	127
Case Studies of Food Complaints (April 2018–March 2019)	
.....	Tomoya TANAKA, Keisuke KIMURA, Kimiko KAN, and Hisako NAKANO
	135
Simultaneous Extraction of Preservatives and Sweeteners from Foods Through the Rapid Dialysis	
.....	Sumiyo YAMAMOTO, Shoichi TAHARA, Yuu SHIOZAWA, Natsumi TAKAHASHI, Etsuko ISHII, Itoko BABA, Yukiko YAMAJIMA, Narue SAKAMAKI, and Chigusa KOBAYASHI
	143
Survey of Pesticide Residues in Imported Crops (April 2018–March 2019) — Vegetables and Other Products —	
.....	Tomomi TAKADA, Sanae TOMIZAWA, Tamako MASUBUCHI, Yumiko YAMAKI, Kyoko KAMIJO, Takayuki NAKAJIMA, Souichi YOSHIKAWA, Yoshie KOKAJI, Shui WATANABE, Yoshihiro OHSAWA, Kenji OTSUKA, and Tsuneo HASHIMOTO
	149
Survey of Pesticide Residues in Imported Crops (April 2018–March 2019) – Fruits –	
.....	Yoshihiro OHSAWA, Sanae TOMIZAWA, Tamako MASUBUCHI, Yumiko YAMAKI, Kyoko KAMIJO, Takayuki NAKAJIMA, Souichi YOSHIKAWA, Tomomi TAKADA, Yoshie KOKAJI, Shui WATANABE, Kenji OTSUKA, and Tsuneo HASHIMOTO
	157
Survey of Pesticide Residues in Domestic Vegetables and Fruits(April 2018–March 2019)	
.....	Takayuki NAKAJIMA, Sanae TOMIZAWA, Tamako MASUBUCHI, Yumiko YAMAKI, Kyoko KAMIJO, Souichi YOSHIKAWA, Tomomi TAKADA, Yoshie KOKAJI, Shui WATANABE, Yoshihiro OHSAWA, Kenji OTSUKA, and Tsuneo HASHIMOTO
	167

Analytical Study of Daily Dietary Intake of Pesticide Residues in Tokyo (Fiscal Year 2017)	Yuki OMACHI, Maki KOBAYASHI, Naoko SAKAI, Yuka MORITA, and Tsuneo HASHIMOTO	175
Survey of Organochlorine Pesticide Residues in Livestock and Fishery Products (April 2018–March 2019)	Yuka MORITA, Maki KOBAYASHI, Naoko SAKAI, Yuki OMACHI, and Tsuneo HASHIMOTO	181
IV Environmental Hygiene		
<Original Articles>		
Exposure to Nicotine and Nitrosoamines from Thirdhand Smoke : Transfer by Contact and Re-emission	Aya ONUKI, Ikue SAITO, Hiroyuki KONISHI, and Takako MORIYASU	189
<Reports>		
Residue Levels and Contamination Source of Coplanar PCBs in Fish Caught in Tokyo Bay	Tokuko TSUNODA, Tomoko OKUBO, Hiroyuki KONISHI, and Takako MORIYASU	197
External Quality Control Program for Drinking Water Analysis from April 2018 to March 2019 —Bromic acid and 1,4-Dioxane—	Haruka IIDA, Teruaki KINOSHITA, Yuki KOSUGI, Takako YAMAZAKI, Kyoya TATEISHI, Hiroyuki KONISHI, and Takako MORIYASU	203
Solid-phase extraction of radioactive cesium using a concentrator	Satoko FUJIE, Norihisa MISEKI, Chieko HATAMI, Morikazu HASEGAWA, Hiroyuki KONISHI, and Takako MORIYASU	209
V Biological Effects		
<Original Articles >		
Scanning Electron Microscope Observations of Multi-walled Carbon Nanotubes	Tomokazu MAENO	217
VI Quality Assurance		
< Reports >		
Results of the Questionnaire Survey of Gene-based and Chromosome Tests in the Registered Clinical Laboratories in Tokyo	Yukari NISHINO, Tomoko KUSANO, Rie MORIUCHI, Yukiko SASAKI, Megumi ICHIKAWA, Mayuko ODA, Tetsuya SHINDO, Yoshiyuki SUGISHITA, and Yasushi TAKAGI	225
Quality Assessment of Blood Group Testing at Registered Clinical Laboratories in Tokyo (April 2008–March 2016)	Rie MORIUCHI, Yukiko SASAKI, Tomoko KUSANO, Tetsuya SHINDO, Yoshiyuki SUGISHITA, and Yasushi TAKAGI	233
Books, Book Chapters and Journals		243
Presentations at Conferences and Scientific Meetings		249