

Annual Report of Kumamoto Prefectural Institute
of Public-Health
and Environmental Science
No. 51 2021
Contents (Research)

Regular Articles

- 1) Analysis of carbapenem resistant Enterobacteriales (CRE) detected in Kumamoto Prefecture
Rika MAEDA, Seiya HARADA, Atsumi OBARA, Misato MORI and Shunsuke YAHIRO

- 2) Development of rapid analytical method for cereulide by LC-MS/MS
Kazuma YAGI, Naho YAMAGUCHI ^{*1}, Masahide KOBAYASHI^{*2} and Hironobu FUKUSHIMA^{*3}
^{*1} Public Hygiene and Pharmaceutical Division, Health Bureau, Department of Health and Welfare
^{*2} Meat Safety Inspection Office
^{*3} Environmental Conservation Division, Environmental Affairs Bureau, Department of the Environment and Residential Life

- 3) Simple estimation of local PM_{2.5} contribution in urban sites of Kumamoto based on measurement at an urban background site.
Hosei TSUNODA, Yusuke YAMAMOTO* and Satoshi TOYONAGA
* Environmental Education and Intelligence Center

- 4) Quality of Spring Water in the former Shimomashiki-gun municipalities
Masaaki HIROHATA, Tomoyuki SANADA, Taisei SERIKAWA and Tatsuya MATSUZAKI

Reports

- 1) Epidemiological Surveillance of Infection Diseases in Kumamoto Prefecture (2021)
Yukie INOUE, Rika MAEDA, Mami SATO*, Seiya HARADA, Takaaki HIRANO, Atsumi OBARA, Misato MORI and Shunsuke YAHIRO
*Former member of Kumamoto Prefectural Institute of Public-Health and Environmental Science

- 2) Surveillance of Japanese Encephalitis Virus Infection in Kumamoto Prefecture (2021)
Takaaki HIRANO and Shunsuke YAHIRO

- 3) Summary of COVID-19 tests in Kumamoto Prefectural institute
Shunsuke YAHIRO, Takaaki HIRANO, Ichiro IZU, Misato MORI, Atsumi OBARA, Rika MAEDA, Yukie INOUE, Seiya HARADA, Mami SATO^{*1}, Shoichiro GEJIMA^{*2}, Kazutoshi MATSUMOTO^{*3}, Takashi SAKAI^{*4}, Masahide KOBAYASHI^{*3}, Haruka NISHIJIMA^{*5} and Hiroki SAITO^{*6}
^{*1} Former member of Kumamoto Prefectural Institute of Public-Health and Environmental Science
^{*2} Public Health Emergency Management Division, Department of Health and Welfare
^{*3} Meat Safety Inspection Office
^{*4} Public Hygiene and Pharmaceutical Division, Health Bureau, Department of Health and Welfare

*5 Department of Health, Welfare and the Environment, Tamana Area Promotion Bureau

*6 Recycling and Sustainability Promotion Division, Environmental Affairs Bureau, Department of the Environment and Residential Life

- 4) Validation for 40 Pesticide Residues in 9 Agricultural Products by LC-MS/MS using Japanese Official Multiresidue Method.(2021)

Norifumi UKAJI, Kazuma YAGI, Masahide KOBAYASHI^{*1}, Hirobnobu FUKUSHIMA^{*2}

*1 Meat Safety Inspection Office

*2 Environmental Conservation Division, Environmental Affairs Bureau, Department of the Environment and Residential Life

- 5) Radioactivity Survey Data in Kumamoto Prefecture (2021)

Hiromichi KITAOKA, Kazunori UENO, Satoshi TOYONAGA, Housei TSUNODA and Noriyuki YOSHIKAWA^{*1}

*1 Department of Health, Welfare and the Environment. Kamimashiki Area Development Bureau. Central Kumamoto Administrative Headquarters

- 6) Long-Term Monitoring of Acid Deposition in Kumamoto Prefecture(2021)

Kazunori UENO, Housei TSUNODA and Ai SAWADA