

第 24 回日本遺伝子細胞治療学会 2018 JGM 賞  
The Young Investigator Award The Journal of Gene Medicine  
Plenary Session PS-3

**Blastic transformation of retrovirus-transduced cells in X-CGD gene therapy.**

Toru Uchiyama<sup>1</sup>, Toshinao Kawai<sup>1,4</sup>, Kazuhiko Nakabayashi<sup>2</sup>, Yukiko Ando<sup>1</sup>, Nobuyuki Watanabe<sup>1</sup>,  
Motohiro Kato<sup>3</sup>, Koji Kato<sup>5</sup>, Toyoki Nishimura<sup>6</sup>, Hiroyuki Nunoi<sup>6</sup>, Masafumi Onodera<sup>1</sup>

<sup>1</sup>Department of Human Genetics, <sup>2</sup>Maternal-Fetal Biology, <sup>3</sup>Pediatric Hematology and Oncology,

<sup>4</sup>Division of Immunology, National Center for Child Health and Development

<sup>5</sup>Department of Medicine and Biosystemic Science, Kyushu University,

<sup>6</sup>Division of Pediatrics, University of Miyazaki

---