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1984	M.D., University of Tokyo, School of Medicine, Japan
1990	Ph.D., University of Tok yo, School of Medicine, Graduating School (Pathology), Japan
1995	Postdoctoral fellow, University of California, Irvine, Developmental Biology Center, USA
2005	Project Leader, Cancer Genomics Project, National Cancer Center Research Institute, Tokyo, Japan
2010-present	Chief, Division of Cancer Genomics, National Cancer Center Research Institute, Tokyo, Japan
2014	Professor, Laboratory of Molecular Medicine, Human Genome Center, The Institute of Medical Science, University of Tokyo, Japan

Specialty & Research Field of Interest

Cancer Genomics, Tumor Pathology, Informatics

Selected Publications

1. Totoki Y, Shibata T, et al. Trans-ancestry mutational landscape of hepatocellular carcinoma genomes. **Nat Genet**, 2014, in press.

2. Shibata T, Aburatani H. Exploration of liver cancer genomes. **Nat Rev Gastroenterol Hepatol**., 2014, 11:340-9

3. Arai Y, Shibata T, et al. FGFR2 tyrosine kinase fusions define a unique molecular subtype of cholangiocarcinoma. **Hepatology**, 2014 59:1427-34.

4. Alexandrov LB, Shibata T, et al. Signatures of mutational processes in human cancer. **Nature**, 2013, 500:415-21.

5. Mitsuishi Y, Shibata T, et al. Nrf2 redirects glucose and glutamine into anabolic pathways in metabolic reprogramming. **Cancer Cell**, 2012, 22:66-79.

6. Fujimoto A, Shibata T et al. Whole genome sequencing of liver cancers identifies etiological influences on mutation patterns and recurrent mutations in chromatin regulators. **Nat Genet**, 2012, 44:760-4.

7. Kohno T, Shibata T et al. KIF5B-RET fusions in lung adenocarcinoma. **Nat Med**, 2012, 18:375-7.

8. Totoki Y, Shibata T et al. High-resolution characterization of a hepatocellular carcinoma genome. **Nat Genet**, 2011, 43, 464-9.

9. Watanabe T, Shibata T, et al. Role for piRNAs and a novel non-coding RNA in de novo DNA methylation of the imprinted mouse Rasgrf1 locus. **Science**, 2011 332:848-52.