CURRICULUM VITAE

Name: Toyomasa Katagiri

Email: tkatagi@genome.tokushima-u.ac.jp

Phone: 81-88-633-9477

Fax:81-88-633-7989

Position: Professor

Institution: Division of Genome Medicine, Institute for Genome Research, Tokushima University

Location: 3-18-15 Kuramoto-cho, Tokushima 770-8503, Japan

Education:

~1991	**Faculty of Agriculture, Kagawa University, BSc & MSc**
1998	**Medical School, Osaka University, Ph. D.**

Representative Careers:

1991-1995	**Otsuka Pharmaceutical Co., Ltd., Research Associate.**
1995-1998	**Cancer Chemotherapy Center, Japanese Foundation for Cancer Research, Research Associate.**
1998-2001	**Guy's Kings and St Thomas' School of Medicine, King's College London, Postdoctoral Fellow.**
2001-2008	**Human Genome Center, Institute of Medical Science, The University of Tokyo, Assistant Professor & Associate Professor.**
2008-present	**Division of Genome Medicine, Institute for Genome Research, Tokushima University (Currently Professor)**

Specialty & Present Interest: Molecular Oncology; tumor suppressor dysfunction mechanism, multiple-step carcinogenesis, breast cancer, bladder cancer, protein-protein interaction inhibitor

Representative papers (up to 5):

1. Daizumoto K, Yoshimaru T, Matsushita Y, Fukawa T, Uehara H, Ono M, Komatsu M, Kanayama H, ***Katagiri T**. A DDX31/mutant-p53/EGFR axis promotes multistep progression of muscle invasive bladder cancer. ***Cancer Res***., 2018 May 1;78(9):2233-2247.
2. Yoshimaru T, Ono M, Bando Y, Chen YA, Mizuguchi K, Shima H, Komatsu M, Imoto I, Izumi K, Honda J, Miyoshi Y, Sasa M, ***Katagiri T**. A-kinase anchoring protein BIG3 coordinates oestrogen signaling in breast cancer cells. ***Nat Commun***. 2017 May 30;8:15427

3. Yoshimaru T*, Aihara K, Komatsu M, Matsushita Y, Okazaki Y, Toyokuni S, Honda J, Sasa M, Miyoshi Y, Otaka A, ***Katagiri T**. Stapled BIG3 helical peptide ERAP extends potent antitumor activity for breast cancer therapeutics. ***Sci Rep.*** 2017 May 12; 7(1):1821
4. Yoshimaru T, Komatsu M, Matsuo T, Chen YA, Murakami Y, Mizuguchi K, Mizohata E, Inoue T, Akiyama M, Miyoshi Y, Sasa M, Nakamura Y, ***Katagiri T**. Targeting BIG3-PHB2 interaction to overcome tamoxifen resistance in breast cancer cells. ***Nat Commun.*** 2013;4:2443.
5. Fukawa T, Ono M, Matsuo T, Uehara H, Miki T, Nakamura Y, Kanayama H, ***Katagiri T**. DDX31 regulates the p53-HDM2 pathway and rRNA gene transcription through its interaction with NPM1 in renal cell carcinomas. ***Cancer Res***. 2012 Nov 15;72(22):5867-77.