**Weilin Pu  Ph.D.**

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**Address：**2005 Songhu road, Shanghai **Postcode：**200438

**Education**

**2013 – 2018 Ph.D**  Biomedical and molecular genetics **Fudan University**

**2009 – 2013 Bachelor** Life Sciences **Fudan University**

**Work Experience**

June, 2018 – Now Fudan University Postdoctor

**Research & Project**

**Institute:** Ministry of Education Key Laboratory of Contemporary Anthropology, School of Life Sciences

**Major subject:** The genetic and epigenetic study of the autoimmune diseases and cancers

**Project:**  The GWAS study of the systemic sclerosis of Chinese Han population

The genome-wide DNA methylation study of the Chinese Han systemic sclerosis patients

The biomarker discovery of the lung cancer and esophageal squamous cell carcinoma

**Publications**

**1**. Ding W#, **Pu W#**, Wang L#, Jiang S, Zhou X, Tu W, et al. Genome-wide DNA methylation analysis in systemic sclerosis reveals hypomethylation of interferon-associated genes in CD4(+) and CD8(+) T cells. **J Invest Dermatol 2017**. (**IF = 6.65)**

**2. Pu W,** Wang C, Chen S, Zhao D, Zhou Y, Ma Y, et al. Targeted bisulfite sequencing identified a panel of DNA methylation-based biomarkers for esophageal squamous cell carcinoma (ESCC). **Clinical Epigenetics** 2017; 9:129. **(IF = 4.98)**

**3**. Guo S#, Tan L#, **Pu W#**, et al. Quantitative assessment of the diagnostic role of APC promoter methylation in non-small cell lung cancer[J]. **Clinical epigenetics**, 2014, 6(1): 5. **(IF = 4.98)**

**4**. **Pu W**, Geng X, Chen S, et al. Aberrant methylation of CDH13 can be a diagnostic biomarker for lung adenocarcinoma[J]. **Journal of Cancer**, 2016, 7(15): 2280. **(IF = 3.26)**

**5**. Geng X#, **Pu W#**, Tan Y, et al. Quantitative assessment of the diagnostic role of FHIT promoter methylation in non-small cell lung cancer[J]. **Oncotarget**, 2017, 8(4): 6845. **(IF = 5.12)**

**6.** Wang C**#**, **Pu W#**, Zhao D, et al. Identification of hyper-methylated tumor suppressor genes-based diagnostic panel for esophageal squamous cell carcinoma (ESCC) in a Chinese Han population. **Frontiers in Genetics**9 (2018): 356. (**IF = 4.12**)

**7.** Guo S, Yan F, Xu J, **Pu W**, et al. Identification and validation of the methylation biomarkers of non-small cell lung cancer (NSCLC)[J]. **Clinical epigenetics**, 2015, 7(1): 3.

8. Yang L, Dong Z, Ma Y, **Pu W**, et al. "Common UCP2 variants contribute to serum urate concentrations and the risk of hyperuricemia." **Scientific reports** 6 (2016): 27279.

9. Wang Y, Li Y, **Pu W**, et al. "Random bits forest: a strong classifier/regressor for big data." **Scientific reports** 6 (2016): 30086.

10. Wang Y, Li Y, Liu X, **Pu W**, et al. "Bagging Nearest-Neighbor Prediction independence Test: an efficient method for nonlinear dependence of two continuous variables." **Scientific reports** 7.1 (2017): 12736.

**Awards & Honors**

2014 **National scholarship for master students**

2016 **Genechem Scholarship for Ph.D. students**

2017 **National scholarship for Ph.D. students**