

夏興國

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### 學歷

國立台灣大學醫學院毒理學研究所 博士 (1994/09 至 1999/07)  
國立清華大學生物醫學研究所 碩士 (1991/09 至 1994/01)  
文化大學動物科學系 學士 (1987/09-1991/06)

### 經歷

財團法人國家衛生研究院癌症研究所助研究員(2008-2016)  
財團法人國家衛生研究院院長實驗室研究專員(2003-2008)  
財團法人國家衛生研究院院長實驗室博士後研究員(1999-2003)

### 研究成果

1. Tseng CF, Chen LT, Wang HD, Liu YH, **Shiah SG\***. Transcriptional suppression of Dicer by HOXB-AS3/EZH2 complex dictates Sorafenib resistance and cancer stemness. *Cancer Sci.* **2022**, doi: 10.1111/cas.15319. Online ahead of print.
2. **Shiah SG\***, Chou ST, Chang JY\*. MicroRNAs: Their Role in Metabolism, Tumor Microenvironment, and Therapeutic Implications in Head and Neck Squamous Cell Carcinoma. *Cancers.* **2021**; 13(22):5604.
3. 6. Pen HY, Hsiao JR, Chou ST, Hsu YM, Wu GH, Shieh YS, **Shiah SG\***. MiR-944/CISH mediated inflammation via STAT3 is involved in oral cancer malignance by cigarette smoking. *Neoplasia.* **2020**, 22(11):554-565.
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5. Chou ST, Peng HY, Mo KC, Hsu YM, Wu GH, Hsiao JR, Lin SF, Wang HD, **Shiah SG\***. MicroRNA-486-3p functions as a tumor suppressor in oral cancer by targeting DDR1. *J Exp Clin Cancer Res.* **2019**, 38(1):281.
6. Chang WM, Lin YF\*, Su CY, Peng HY, Chang YC, Hsiao JR, Chen CL, Chang JY, Shieh YS, Hsiao M, **Shiah SG\***. Parathyroid Hormone-Like Hormone is a Poor Prognosis

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8. Peng HY, Cheng YC, Hsu YM, Wu GH, Kuo CC, Liou JP, Chang JY, Jin SL\*, **Shiah SG\***. MPT0B098, a Microtubule Inhibitor, Suppresses JAK2/STAT3 Signaling Pathway through Modulation of SOCS3 Stability in Oral Squamous Cell Carcinoma. **PLoS One. 2016**, 11(7):e0158440.
9. Peng HY, Jiang SS, Hsiao JR, Hsiao M, Hsu YM, Wu GH, Chang WM, Chang JY, Jin CSL\*, **Shiah SG\***. IL-8 induces miR-424-5p expression and modulates SOCS2/STAT5 signaling pathway in oral squamous cell carcinoma. **Molecular Oncology. 2016**, 106(6): 895-909.
10. **Shiah SG**, Shieh YS, Chang JY. The Role of Wnt Signaling in Squamous Cell Carcinoma. **J. Dent. Res. 2016**, 95(2): 129-34.
11. **Shiah SG**, Hsiao JR, Chang WM, Chen YW, Jin YT, Wong TY, Huang JS, Tsai ST, Hsu YM, Chou ST, Yen YC, Jiang SS, Shieh YS, Chang IS, Hsiao M, Chang JY. Downregulated miRNA-329 and miRNA-410 promote tumor proliferation and invasion through the Wnt/ $\beta$ -catenin signaling pathway by targeting Wnt-7b in oral squamous cell carcinoma. **Cancer Res. 2014**, 74(24):7560-72.
12. Yen YC\*, **Shiah SG\***, Chu HC, Hsu YM, Hsiao JR, Chang JY, Hung WC, Liao CT, Cheng AJ, Lu YC, Chen YW. Reciprocal regulation of microRNA-99a and insulin-like growth factor I receptor signaling in oral squamous cell carcinoma cells. **Mol Cancer. 2014**; 13:6.
13. **Shiah SG**, Chang LC, Tai KY, Lee GH, Wu CW, Shieh YS. The involvement of promoter methylation and DNA methyltransferase-1 in the regulation of EpCAM expression in oral squamous cell carcinoma. **Oral Oncology, 2009**, 45(1):e1-8.