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Education

2002-2006, BS, Department of Oral Hygiene, Kaohsiung Medical University
2006-2008, MS, Department of Oral Hygiene, Kaohsiung Medical University
2008-2013, PhD, Kaohsiung Medical University School of Dentistry

Current position and relevant experience

2013-2017, Postdoctoral Fellow, Department of Clinical Research, Kaohsiung Medical University Chung-Ho Memorial Hospital
2017-date Assistant Professor, School of Dentistry, Kaohsiung Medical University

Specialty

1. Oral molecular biology
2. Cancer translation medicine
3. Clinical trial
4. Industry-university cooperation

References

1	<u>Yen-Yun Wang</u> , Pei-Wen Hsieh, Yuk-Kwan Chen, Stephen Chu-Sung Hu, Ya-Ling Hsu, MS, Chun-Hao Tsai, Shyng-Shiou F. Yuan* (2017, Apr), International Journal of Gynecological Cancer.. CYT-Rx20 inhibits cervical cancer cell growth and migration through oxidative stress-induced DNA damage, cell apoptosis and EMT inhibition.
2	<u>Yen-Yun Wang</u> , Yuk-Kwan Chen, Stephen Chu-Sung Hu, Ya-Ling Hsu, Chun-Hao Tsai, Tsung-Chen Chi, Pei-Wen Hsieh, Shyng-Shiou F. Yuan*. Cancer Chemotherapy and Pharmacology. CYT-Rx20 inhibits ovarian cancer cells in vitro and in vivo through oxidative stress-induced DNA damage and cell apoptosis.
3	Chun-Hao Tsai, Pei-Wen Hsieh, Yi-Chen Lee, Chie-Hong Wang, Wen-Chin Chiu, Chun-Wun Lu, <u>Yen-Yun Wang</u> , Stephen Chu-Sung Hu, Tain-Lu Cheng, Shyng-Shiou F. Yuan* (2017, Mar), Life Sciences. 3'-hydroxy-4'-methoxy- β -methyl- β -nitrostyrene inhibits

	tumor growth through ROS generation and GSH depletion in lung cancer cells.
4	Tze-Ta Huang, Jehn-Shyun Huang, Yen-Yun Wang , Ken-Chung Chen, Tung-Yiu Wong, Yi-Chun Chen, Che-Wei Wu, Leong-Perng Chan, Yi-Chu Lin, Yu-Hsun Kao, Shoko Nioka, Shyng-Shiou F. Yuan*, Pau-Choo Chung* (2017, Mar), Oral Oncology. Novel Quantitative Analysis of the Autofluorescence Images for Oral Cancer Screen.
5	Hung, Chih-Chang ; CHIEN, CHEN-YU; Chu, Pei-Yu; Wu, Yu-Jen; Lin, Chang-Shen; Huang, Chih-Jen; Chan, Leong-Perng; Wang, Yen Yun ; Yuan, Shyng-Shiou F.; Hour, Tzyh-Chyuan; Chen, Jeff Yi-Fu (2017), Journal for The Sciences & Specialties of The Head and Neck.. Differential resistance to platinum-based drugs and 5-fluorouracil in p22phox-overexpressing oral squamous cell carcinoma: implications of alternative treatment strategies.
6	Wen-Chin Chiu, Yi-Chen Lee, Yu-Han Su, Yen-Yun Wang , Chun-Hao Tsai, Yi-An Hou, Chie-Hong Wang, Ying-Fong Huang, Chih-Jen Huang, Shah-Hwa Chou, Pei-Wen Hsieh, Shyng-Shiou F. Yuan* (2016, Nov), PLOS ONE. The Synthetic β -Nitrostyrene Derivative CYT-Rx20 Inhibits Esophageal Tumor Growth and Metastasis via PI3K/AKT and STAT3 Pathways.
7	Yen-Yun Wang , Yuk-Kwan Chen, Ya-Ling Hsu, MS, Wen-Chin Chiu, PhD, Chun-Hao Tsai, Stephen Chu-Sung Hu, Pei-Wen Hsieh, Shyng-Shiou F. Yuan * (2016, Oct), Journal for The Sciences & Specialties of The Head and Neck.. The synthetic β -nitrostyrene derivative CYT-Rx20 inhibits oral cancer cell proliferation and tumor growth through GSH suppression and ROS induction.
8	Wu TL, Tsai CC, Yen-Yun Wang , Ho KY, Wu YM, Hung HC, Lin YC* (2015, Dec), J Periodontal Res.. The association between the RAGE G82S polymorphism, sRAGE and chronic periodontitis in Taiwanese individuals with and without diabetes. and without diabetes.
9	Er TK#, Yen-Yun Wang #, Chen CC, Herreros-Villanueva M, Liu TC, Yuan SS* (2015, Oct), Oral Dis. Molecular characterization of oral squamous cell carcinoma using targeted next-generation sequencing.

10	Sheng-Hung Wang, Hsin-Chia Hung, Chi-Cheng Tsai, Meng-Chuan Huang, Kun-Yen Ho, Yi-Min Wu, Yen-Yun Wang, Ying-Chu Lin, (2014, Aug), Archives of Oral Biology.. Plasma polyunsaturated fatty acids and periodontal recovery in Taiwanese with periodontitis: A significant relationship.
11	<u>Yen-Yun Wang</u> , Yen-Hsuan Tail, Wen-Chen Wang, Ching-Yi Chen, Yu-Hsun Kao, Yuk-Kwan Chen, and Chung-Ho Chen, BMC Oral Health, 2014 Aug 5;14:99. doi: 10.1186/1472-6831-14-99.. Malignant transformation in 5071 southern Taiwanese patients with potentially malignant oral mucosal disorders.
12	Shyh-Jong Wu, Yun-Ju Chen, Tien-Yu Shieh, Chun-Ming Chen, <u>Yen-Yun Wang</u> , Kun-Tsung Lee, Yueh-Ming Lin, Pei-Hsuan Chien, and Ping-Ho Chen 2014, Jun, The ScientificWorld Journal.. Association Study between Novel CYP26 Polymorphisms and the Risk of Betel Quid-Related Malignant Oral Disorders.
13	<u>Yen-Yun Wang</u> , Ying-Chu Lin , Hsin-Chia Hung , Wan-Yu Tien , Tien-Yu Shieh (2013, Nov). ORAL DISEASES. Polymorphisms in Kallikrein7 and 10 genes and oral cancer risks in Taiwan betel quid chewers and smokers.
14	Wang LH, Ting SC, Chen CH, Tsai CC, Lung O, Liu TC, Lee CW, <u>Yen-Yun Wang</u> , Tsai CL, Lin YC*. J Oral Pathol Med.2010 Feb;39(2):155-61. Polymorphisms in the apoptosis-associated genes FAS and FASL and risk of oral cancer and malignant potential of oral premalignant lesions in a Taiwanese population.
15	Shyh-Jong Wu, Yun-Ju Chen, Tien-Yu Shieh, Chun-Ming Chen, <u>Yen-Yun Wang</u> , Kun-Tsung Lee, Yueh-Ming Lin, Pei-Hsuan Chien, and Ping-Ho Chen*Scientific World Journal. 2015;2015:160185. Association Study between Novel CYP26 Polymorphisms and the Risk of Betel Quid-Related Malignant Oral Disorders.