

實驗室主持人學經歷

詳細著作與計畫  
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職稱：副教授  
最高學歷：國立陽明大學生理學 博士  
經歷：醫檢師  
學術專長：癌症分子病理研究、腦心血管疾病之預防保健、中草藥  
抗癌研究及藥物開發  
教授科目：醫學分子檢驗學、生物技術學

Name : Ting-Yu Kao  
Job title : Associate Professor  
Highest education : Ph.D. in Physiology, National Yang Ming University  
Experience : Medical Technologist  
Academic expertise : Cancer Molecular Pathology Research、Prevention and health care of cerebrovascular disease、Anti-cancer drug development of Chinese herbal medicine  
Teach subjects : Anatomy、Physiology、Pathology and tissue sectioning technique

實驗室簡介

藥物暨生理機能實驗室主要致力於腫瘤細胞環境組織和分子病理研究及中草藥抗癌研究及天然物開發，且與國家衛生研究院癌症研所李岳倫博士長期合作夥伴。除此之外，我們也投入在腦、心血管疾病預防保健之研究，歡迎有興趣的研究生和專題生加入我們的研究團隊。

核心技術

細胞培養技術、病理組織切片和染色技術、細胞抹片染色技術、免疫組織化學染色技術、免疫螢光染色技術、流式細胞儀、真空濃縮萃取技術。

Laboratory profile

The Laboratory of Drugs and Physiological Functions is mainly committed to the research of tumor cell environment tissue and molecular pathology, the research of anti-cancer of Chinese herbal medicine and the development of natural products, and has a long-term partner with Dr. Alan Yueh-luen Lee from the Cancer Institute of the National Institutes of Health. In addition, we also invest in the research on the prevention and health care of brain and cardiovascular diseases. Interested graduate students and special students are welcome to join our research team.

Core Technologies

Cell culture technology, Histopathology section and staining, Cytosmear and PAP stain, immunohistochemical staining, immunofluorescence stain, flow cytometry, Vacuum concentration extraction technology.

Publications

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109-110年績優教師  
109年健康管理學術研討會壁報論文-A組佳作  
110年實體教材編撰績優獎  
111年教師實作課程成果發表特優獎

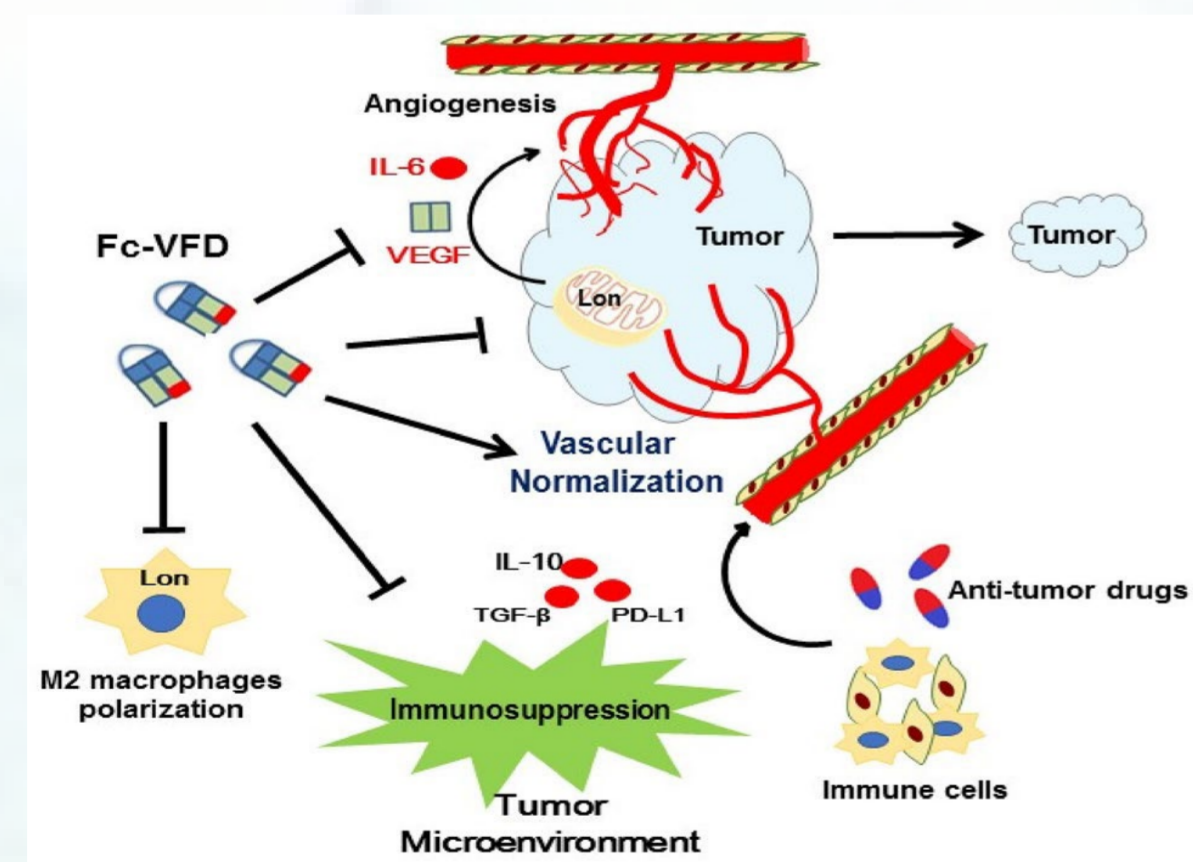


Fig. 8 Scheme of Fc-VEGF121-VEGF165 (Fc-VFD) inhibits Lon-induced angiogenesis and tumorigenesis by targeting VEGF-A and IL-6 and enhances immunotherapy via vessel normalization and reprogramming immunosuppressive tumor microenvironment  
Cancer Immunology, Immunotherapy, 2023

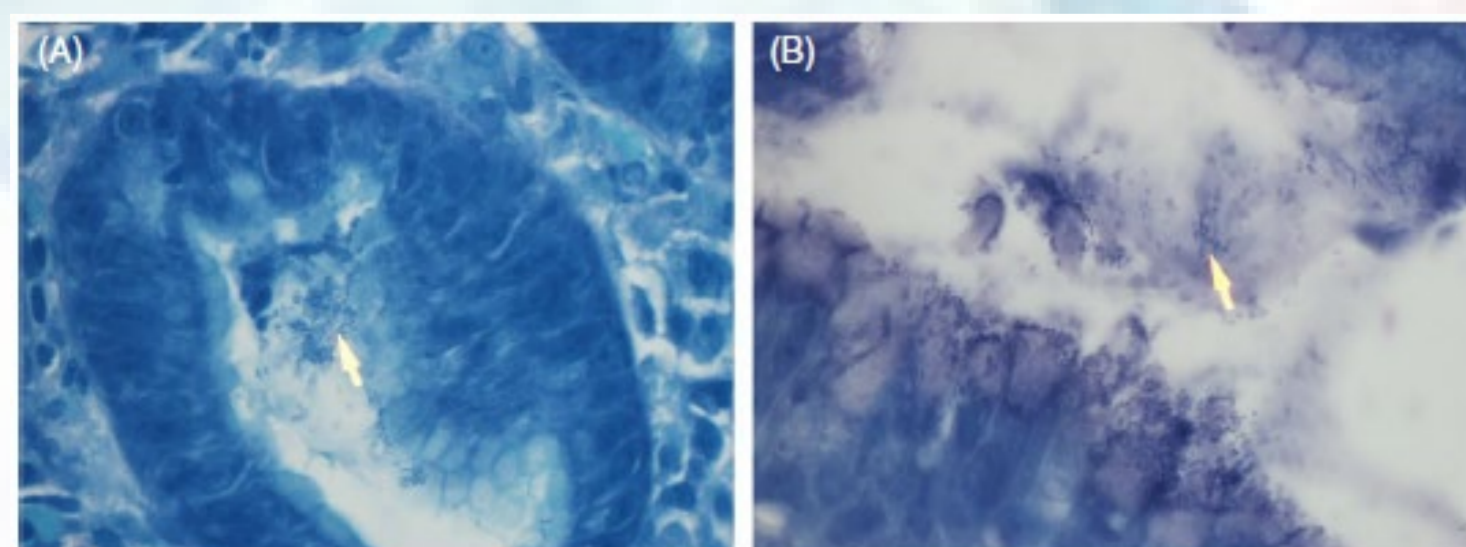


FIGURE 1 The positive results of Helicobacter pylori infection by the traditional Giemsa stain. White arrows indicate stained Helicobacter pylori (blue) that are attached to the brush border of the gastric foveolar epithelial cells

TABLE 1 The examination of Helicobacter pylori infection of 233 patients with gastric diseases examined by the modified Giemsa stain and CLO test

Modified Giemsa stain	Gastritis	Ulcer	Polyp	None	Total	P-value
Positive	77 (44.5%)	23 (65.7%)	0	3	103	1.80E-05
Negative	96	12	17	5	130	
CLO test						
Positive	72 (41.6%)	19 (54.3%)	0	3	94	0.000411
Negative	101	16	17	5	139	