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教育背景: 中国农业大学, 天然产物化学, 理学博士。

研究方向: 食品营养与功能, 药食两用中药材的食用性基础。

主讲课程: 食品营养, 食品安全与日常饮食

参与项目:

福建省自然科学基金面上项目, 食物脂肪酸对丙烯酰胺所致结肠粘膜癌变及瘤前病变影响的实验性研究 (编号: 2011J01226)。

福建省教育厅项目, 整体动物功效动力学生物色谱研究紫菜多糖最小功能成分组 (编号: JA13178)。

社会兼职: 中国营养学会会员。《Toxicology Mechanisms and Methods》、《Toxicology and Industrial Health》、《Neurotoxicity Research》等国际刊物的审稿专家。

研究论文:

Elaidic acid enhanced the simultaneous neurotoxicity attributable to the cerebral pathological lesion resulted from oxidative damages induced by acrylamide and benzo(a)pyrene. Toxicology and Industrial Health, 2011/27(7):661-672. (通讯作者)

Various dietary polyunsaturated fatty acids modulate acrylamide-induced preneoplastic urothelial proliferation and apoptosis in mice. Experimental and Toxicologic Pathology, 2010/62(1): 9-16. (第一作者)

Long-term exposure to various types of dietary fat modulates acrylamide-induced preneoplastic lesions of colon mucosa through Wnt/ β -catenin signaling in rats. Toxicology Mechanisms and Methods, 2009/19(4): 285-291. (独立完成)

Simultaneous exposure to dietary acrylamide and corn oil developed carcinogenesis in colonic mucosa in rats through cell proliferation and inhibition of apoptosis by regulating p53-mediated mitochondria-dependent signaling pathway. Toxicology and Industrial Health, 2009/25(2):101-109. (独立完成)

Protective Effect of Fucoxanthin Isolated from Laminaria japonica against Visible Light-Induced Retinal Damage Both in Vitro and in Vivo. Journal of Agricultural and Food Chemistry, 2016, 64 (2) : 416-424. (第二作者)