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## 硕士生导师简介—杨细飞

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所在单位: 深圳市疾病预防控制中心/深圳市预防医学研究所, 广东省医学重点实验室

职称: 研究员、教授

职务: 毒理研究所副所长

### 基本情况

杨细飞, 男, 39岁(1978年6月出生), 博士(MD, PhD), 研究员, 教授、美国哈佛大学博士后, 博士研究生导师, 广东省杰出医学人才、深圳市高层次人才、深圳市海外高层次“孔雀计划”人才。中国毒理学会理事(候任), 中国毒理学会神经毒理专业委员会委员。研究方向为脑衰老及神经退行性疾病的风险因素、分子标志物及防治。主持国家自然科学基金、广东省自然科学基金、广东省科技计划项目等12项; 获2016年中国毒理学会全国优秀青年科技奖、广东省科学技术奖二等奖、中华医学奖三等奖、深圳市自然科学奖一等奖及深圳市科技进步奖二等奖各1项; 共发表SCI论文70余篇, 其中以第一作者或通讯作者在Part Fibre Toxicol, Mol Neurobiol, Arch Toxicol, Toxicol Sci, J Neurochem等SCI杂志上发表论文40余篇; 申请及授权国家发明专利5项; 国际及全国性学术会议受邀报告8次; 编写专著3部(编委, 国内专著2部、外文专著1部); 指导硕士、博士及博士后20名; SCI期刊Front Neurosci杂志编委。

### 代表性论文(\*共同第一组作者, \*通讯作者)

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#### 承担的课题

1. 国家自然科学基金中美合作与国际交流项目、20187/01.8-10、直接经费8.52万元、主持。
2. 国家自然科学基金面上项目、81673134、Tubby调控miR-195介导低剂量慢性铜暴露致Alzheimer病神经退化的机制研究、2017/01-2020/12、72.0万元、在研、主持。
3. 国家自然科学基金青年项目、81102154、PKR激活在铜致空间记忆损伤中的作用及机制研究、2012/01-2014/12、21.0万元、已结题、主持。
4. 广东省自然科学基金/自由申请项目、2014A030313715、[MicroRNA-34a](#)调控早期阿尔茨海默病神经精神障碍的表现遗传学机制研究、10.0万元、2015/01-2017/12、在研、主持。
5. 广东省科技计划项目/(技术开发及产业化类别)公益研究与能力建设、项目编号、通过“组学”技术高通量筛选脑梗塞并发抑郁症的(联合)生物标志物研究、2015/01/01-2017/12/31、在研、主持。
6. 广东省医学科研基金项目、[A2013598](#)、PKR激活在Alzheimer病tau病理发展中的作用及机制研究、2013/09-2015/09、1.0万元、在研、主持。
7. 广东省医学科研基金资助项目、B2012322、[辅酶Q10](#)对阿尔茨海默病tau病理损伤的保护作用研究、2012/09-2014/09、已结题、主持。
8. 2016年深圳市基础研究项目/自由探索项目、JCYJ20160428143433768、基于外周血淋巴细胞蛋白质组学的早期AD分子标志物的筛选与鉴定、2016/07-2019/08、15万元、主持人。
9. 深圳市知识创新计划-基础研究项目重点项目、JCYJ20130329103949650、抑制海马microRNA-34a改善Alzheimer病早期焦虑障碍的机制研究、2013/07-2015/07、30.0万元、已结题、主持。
10. 深圳市科学研究计划(医疗卫生类)、201202086、PKR激活促进Alzheimer病β-淀粉样蛋白过量生成的机制研究、2012/07-2014/07、1.0万元、已结题、主持。
11. 德国和香港联合资助的国际合作项目(Germany/Hong Kong Joint Research Scheme)、G\_HK023/06、“The

Effect of Imbalance of Kinases and Protein Phosphatases on Deposit of  $\beta$ -amyloid and Tau Pathology in Double Transgenic APP/PS1 Mice”, 2006/06-2008/06, 8.0万元(港币)、已结题、课题第二完成人。

12. 国家自然科学基金面上项目、81773395、三氯生暴露通过miR-17家族介导线粒体自噬和凋亡致雄性生殖细胞损伤的机制研究、2018/01-2021/12、直接经费60万元、在研、参与。

13. 国家自然科学基金资助项目、30960110、钙感受受体在缺氧诱导的A $\beta$ 过量生成中的作用及其分子机制、2010/01-2012/12、24.0万元、已结题、课题第二完成人。

14. 国家自然科学基金资助项目、30500271、细胞内磷酸化tau蛋白降解途径的研究、2006/01-2008/12、21.0万元、已结题、课题主要完成人。

15. 国家自然科学基金资助项目、30400171、APP及其代谢片段对tau磷酸化和运输的影响、2005/01-2007/12、20.0万元、已结题、课题主要完成人。

16. 广东省自然科学基金/重点项目、S2012020010903、三氯乙烯致肝细胞毒性中SET相关的表观遗传调控机制研究、2013/01-2015/12、30.0万元、在研、课题第二负责人。

17. 江西省自然科学基金面上项目、20142BAB205030、硫化氢对缺血缺氧诱导 $\beta$ -淀粉样蛋白代谢的影响及机制、2014/07-2016/06、5.0万元、在研、课题第二负责人。18. 江西省自然科学基金面上项目、20132BAB205020、硫化氢对内质网应激诱导tau蛋白过度磷酸化的影响及机制、2013/01-2014/12、2.0万元、已结题、课题第二负责人。

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