

李鸣教授官网简介

李鸣，南京大学心理系引进国家高级人才，“南京大学登峰人才计划”A学者，教授；中国心理学会生理心理学专业委员会委员，Zoological Research 杂志编委（2023-今）。李鸣教授曾任美国内布拉斯加大学林肯心理系终身正教授。目前主要从事认知行为神经科学和行为药理学研究。主要集中在**女性的心理和脑健康；母性行为的神经化学（如多巴胺，5-羟色胺）调节机制；精神疾病的动物模型；抗精神病药物的长期作用的中枢机制**等领域。先后主持或参与了美国国家健康研究院资助的研究项目7项，美国国防部项目2项，州健康研究项目3项，慈善组织研究项目2项，以及校内项目7项。李鸣教授目前已在国际专业期刊上发表论文100余篇，编辑专业书籍一部(The Neuropsychopathology of Schizophrenia: Molecules, Brain Systems, Motivation, and Cognition)，撰写两篇著作章节。此外，李鸣教授还担任过教育部长江讲座教授（2016）、中科院心理所特聘研究员（2017-2020）、国家自然科学基金海外评审专家（2016年）、教育部长江特聘教授通讯评审专家、“人才计划”青年项目通讯评审专家、《心理科学进展》杂志编委（2016-2021）等学术兼职。李鸣教授还长期保持与心理学界及医学界的联系与合作（包括：中国科学院心理所、西南大学、南京医科大学、扬州大学、绍兴文理学院等），并主持过一项中国国家自然科学基金的海外及港澳学者合作研究基金两年期资助项目。

主要研究兴趣和方向：

女性的心理和脑健康直接关系到子代健康和出生人口的素质，直接影响到家庭的幸福和全社会的健康水平。在世界范围内，虽然女性生育意愿呈下降趋势，但多数女性是有生育经历的。生育相关经历对女性心脑功能和健康具有重要影响，围绕这一领域，我们团队试图运用神经生物学、临床心理学和认知神经科学的研究方法，评估生育经验对女性心理和大脑功能的短期和长期动态影响，揭示其背后的神经机制，并期望探索出有效的保护性因素和干预手段来预防或削弱生育经历相关的风险因素带来的负面影响。“母性行为”作为一个特别“窗口”使我们能了解生育经验对女性心理和大脑功能的影响，这是因为一系列与生育相关的生理，心理改变和环境刺激会对母性行为的产生、维持与衰退产生复杂影响，同时母性行为的变化可以体现出女性心脑功能的改变。针对此问题，我们提出科学假设是：生育经验会提高女性与生殖、抚育子代及保障子代健康成长密切相关的心理和大脑功能，同时也会阶段性的抑制与生殖和抚育子代不密切的心理和大脑功能，但最终从长期来看会有益于母亲的心理和脑功能。在理论建设上，我们提出：脑内存在对子代的“趋近”和“排斥”的双系统对抗机制，同时双系统会受到认知调控系统双向调控的理论假设。团队以此理论为指导，以母性行为作为枢纽开展研究，可以更好地揭示生育经验对女性心脑功能的动态影响与机制。

团队通过自主和合作研究，围绕“女性的生育经验对心理和脑健康的影响与机制”这一核心科学问题，开展人与动物模型的跨物种、多方法、理论和应用深度结合的研究，深入开展女性生育经验对心理和脑健康的影响与机制的研究，揭示女性生育阶段的常见风险因素在生育不同阶段影响女性心理和脑健康的机制，以此为基础探索生育过程中的保护性机制和干预靶点和有效措施，以促进女性心理和脑健康，从生育相关影响角度为服务人口健康提供理论和应用参考。

具体方向包括：

- 1、母性行为的神经生物学机制；
- 2、生殖经验对女性心脑功能及健康影响的跨学科和跨物种研究；
3. 生殖健康与女性心理和脑健康的交互影响与机制研究；
- 3、抗精神病药物的长期作用的中枢机制；
- 4、焦虑、抑郁、精神分裂症等精神类疾病的动物模型和机制研究

教育经历：

- (1) 1996-09 至 2002-06, 多伦多大学，心理学，博士
- (2) 1993-09 至 1996-07, 北京大学心理学系，硕士
- (3) 1987-09 至 1991-07, 北京大学心理学系，学士

博士后工作经历：

- (1) 2002-06 至 2005-07, 多伦多大学成瘾与心理健康中心，

科研与学术工作经历（博士后工作经历除外）：

- (1) 2023-07 至今，南京大学，心理学，教授
- (2) 2016-09 至 2023-06，内布拉斯加大学林肯分校，心理学，教授
- (3) 2011-08 至 2016-08，内布拉斯加大学林肯分校，心理学，副教授
- (4) 2005-08 至 2011-08，内布拉斯加大学林肯分校，心理学，助理教授

Publications (Note: “*” denotes the corresponding author)

Peer reviewed:

1. Lian, B., He, Yihan., Dong, Da., Quan, Li., Feng, Tingyong*., **Li, M*** (in press) Developmental Trajectory of Autistic-Like Behaviors in a Prenatal Valproic Acid Rat Model of Autism, *Developmental Psychobiology*.

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