
Curriculum Vitae

Ming Li

Current Position: Professor and Chair

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Nanjing University, China

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Department webpage: <https://sociology.nju.edu.cn/9a/5f/c58989a694879/page.htm>

Google Scholar <http://scholar.google.com/citations?user=jxpWKGAAAAAJ&hl=en>

Areas of Research Interests:

Women' Mental Health; Cognition and Emotion During Pregnancy and the Postpartum Period; Neurobiology of Maternal Behavior, Psychopharmacology of Antipsychotic Drugs, Animal Models of Schizophrenia, Anxiety and Depression, Co-morbidity of Substance Use and Schizophrenia

Positions and Employment

March, 2024 – present	Chair of Department of Psychology, Nanjing University, China
July, 2023 – present	Professor of Psychology, Nanjing University, China
2016 – 2023	Professor of Psychology, University of Nebraska-Lincoln, USA
2015 - 2020	<i>Susan Rosowski</i> Endowed Professor of Psychology, University of Nebraska-Lincoln, USA
2011 – 2016	Associate Professor of Psychology (with tenure), University of Nebraska-Lincoln, USA
2005 – 2011	Assistant Professor of Psychology, University of Nebraska-Lincoln, USA
1991 – 1993	Lecturer in Psychology at Leshan Teachers College, China

Education

2002-July, 2005	Postdoctoral Fellow Centre for Addiction and Mental Health, Toronto, Canada
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Supervisors: Professor Shitij Kapur, and Dr. Paul J. Fletcher

- 1996-2002 Ph.D.
Department of Psychology, University of Toronto, Canada
Supervisor: Professor Alison S. Fleming
- 1993-1996 M.S.
Department of Psychology, Beijing University, Beijing, China
Supervisor: Professor Xiao Jian
- 1987-1991 B.S.
Department of Psychology, Beijing University, Beijing, China

Awards and Honors

- 2023-present CJ Chair Professorship
- 2016-2018 Changjiang Chaired Professorship (China)
- 2015 College of Arts and Sciences Outstanding Research and Creative Activity Award
- 2013- **Fellow**, American Psychological Association Div. 6.
- 2014- **Fellow**, American Psychological Association Div. 28.
- 2014- Fellow, Midwestern Psychological Association
- 2006-2007 Recipient of the UNL Parents Association “*Certificate of Recognition for Contributions to Students*”
- 2002-2005 Ontario Mental Health Foundation Postdoctoral Fellowship
- 2004 D. G. Marquis Behavioral Neuroscience Award for the best paper published in *Behavioral Neuroscience*

Extramural Grants

Active

1. 国家自然科学基金委面上项目（32571263）：五羟色胺介导母性行为的心理机制、受体功能及神经环路研究；1/1/2026-12/31/2029

Completed

1. Title: "Evaluation of Potential Measures to Counter the Incapacitating Effects of Non-Opiate Sedatives"
Role: **Co-Investigator (2.25 months, PI: Rick Bevins)**
Agency: DoD
Period: 06/20/2019 - 12/31/2019
2. Title: "Functional Characterization of a Causative Gene for Intellectual Disability"
Role: **Co-Investigator (0.45 month/year, PI: Woo-Yang Kim at UNMC)**
Agency: NINDS
Type: **1 R01 NS091220-01**
Period: 03/01/2015-02/29/2020
3. Title: "Serotonin, Maternal Behavior and Postpartum Depression"
Role: **Principal Investigator**
Agency: DHHS-Nat Inst Mental Health
Type: **R01MH097718**
Period: 06/01/2013-03/31/2018
4. Title: "Maternal Immune Activation in a Genetic Mouse Model of ASD"
Role: **Co-Investigator (0.45 month in Y2, PI: Anna Dunaevsky at UNMC)**
Agency: DHHS-Nat Inst Mental Health
Type: **R01MH107223**
Period: 08/01/2015-05/31/2019
5. Title: "Adolescence neurogenesis mechanisms of antipsychotic sensitization and tolerance"
Role: **Principal Investigator (co-I: Woo-Yang Kim)**
Agency: NATIONAL INSTITUTE OF CHILD HEALTH & HUMAN DEVELOPMENT
Type: **R03HD079870**
Period: 02/01/2015-01/31/2017
Total cost: \$157,802
6. Title: "Behavioral mechanisms of antipsychotic action"
Role: **Principal Investigator**
Agency: DHHS-Nat Inst Mental Health
Type: **R01MH085635**
Period: 03/22/2010-01/31/2015 (no cost extension to 01/31/2016)
Total cost: \$1,447,532
7. Title: "Mechanisms of Synaptic Alterations in a Neuroinflammation Model of Autism"
Role: Co-Investigator
Agency: Department of Defense (DoD) FY12 Autism Research Program
Type: **AR120096**
Period: 09/30/2013-09/29/2016
Total cost: \$\$579,822.00

8. Title: "How Nicotine Sensitivity in Adulthood is Altered by Adolescent Antipsychotic Treatment: A Preclinical Investigation"
Role: **Principal Investigator**
Agency: Nebraska Health and Human Services
Type: **Research grant** (2016-23)
Period: 07/01/2015-06/30/2016
Total cost: \$50,000
9. Title: "Iptakalim for nicotine use in schizophrenia: A preclinical test"
Role: **Principal Investigator**
Agency: Nebraska Health and Human Services
Type: **Research grant**
Period: 07/01/2010-06/30/2011
Total cost: \$40,000
10. Title: "Anxiolytic Property of Atypical Antipsychotics"
Role: **Principal Investigator**
Agency: DHHS-Nat Inst Mental Health
Type: **R21 MH079894**
Period: 01/01/2008-12/31/2010
Total cost: \$362,145
11. Title: "Antipsychotic Drugs and Maternal Behavior: A Preclinical Investigation"
Role: **Principal Investigator**
Agency: DHHS-Nat Inst Mental Health
Type: **R03 MH080822**
Period: 09/15/2007-07/31/2010
Total cost: \$132,750
12. Title: "Iptakalim: A Potential Antipsychotic Drug with Novel Mechanisms"
Role: **Principal Investigator**
Agency: Stanley Medical Research Institute
Type: **Research grant**
Period: 08/2007-07/2010
Total cost: \$150,000
13. Title: "Behavioral Mechanisms of Action of Atypical Antipsychotics: A Preclinical Investigation"
Role: **Principal Investigator**
Agency: National Alliance for Research on Schizophrenia and Depression (NARSAD)
Type: **Young Investigator Award**
Period: 07/2007-06/2010
Total cost: \$60,000
14. Title: "Nicotine Effects in Adolescent and Adult Rats"
Role: **Principal Investigator**
Agency: Nebraska Health and Human Services

Type: **Research grant (2008-03B)**
 Period: 07/01/2008-06/30/2009
 Total cost: \$40,000

Intramural Grants

Completed

1. University of Nebraska-Lincoln, College of Arts and Sciences International Research Collaborations (2018-2019)
2. UNL Layman New Direction award (role: **PI**, June 2012-May 2013): Central Receptor Mechanisms of Antipsychotic Drugs: A Central Infusion Study, \$16,108
3. NU Nebraska Research Initiative Grant (role: **co-I**, PI: Anna Dunaevsky, 7/1/12- 6/30/13): Nanotherapeutics in Neuroinflammation Model of Autism, \$100,000
4. UNL Life Sciences Competitive Grants (Role: **co-I**: 07/2011-06/2013): Gene Therapy Against Neurodegenerative Disorders Associated with Pesticide Exposure, \$72,000
5. Faculty seed grant (role: **PI**, 2008-2009): Characterizing Reconsolidation of Persistent Avoidance Responding, \$9,943
6. Faculty seed grant (role: **PI**, 2006-2007): How Antipsychotic Drugs Work Psychologically?-----An Animal Behavioral Investigation, \$9,980
7. UNL Layman award (role: **PI**, co-I: Dr. Bevins, June 2006-May 2007): Persistent Avoidance Responding as an Animal Model of Schizophrenia, \$9,995

Sponsored NIH Fellowships

1. **Natashia Swalve:** “Novel hypothesis for the comorbidity of schizophrenia and nicotine abuse in rats”; NIH 1 F31 DA034407-01; Dates: 09/01/2012 - 08/13/2014
2. **Sergios Charntikov:** “Role of dmCPu in acquisition and expression of nicotine CS evoked CR”; NIH 1F31DA034449-01A1; Dates: 04/01/2013-03/31/2015

Teaching Experience

08030510 (Nanjing)	Behavioral Neuroscience
040201C07 (Nanjing)	Cognitive Science: Basic research and application
040201D17 (Nanjing)	Women and Reproductive Psychology 女性与生育心理学
Psyc 465/865, Bio 419/819	Behavioral Neuroscience
Psyc 464	Psychopharmacology
Psyc 904	Graduate Seminar on Physiological Psychology

2024-	<u>Postdoctoral mentor</u> of Zhang Qi, Dai Qi, Yuke Xiong, Dan Gao
2024-	<u>PhD supervisor</u> of Xinyue Wang, Yunfan Zhang, Xiaoyu Chen, Zhaojia Gu, Xinchun Kan
2024-	<u>Master supervisor</u> of Yuting Wei, Liandong You, Geru Kong
2017-2018	Mentor of Bo Wang (Postdoctoral Fellow)
2015-2017	Mentor of Elisabeth Freeman (Postdoctoral Fellow)
2014-2017	Mentor of Ruiyong Wu (Postdoctoral Fellow)
2012-2014	Mentor of Dr. Jun Gao (Postdoctoral fellow)
2010-2012	Mentor of Dr. Nathan Sparkman (Research assistant professor)
2008-2010	Mentor of Dr. Changjiu Zhao (Postdoctoral fellow)
2006-	Undergraduate UCARE supervisor: Wei He, Katherine Heupel, Alex Mayhan, Kyle Brummet, Blake Bartel, Joanne Lin, Mikki Schantell, Barbara Sofia Bueno Alvarez
2006-2023	Undergraduate research assistants: John Weishahn, Trevor Gregath, Wei He, Rebecca Munro, Justin Schulte, Ashley Rappana, Rhiannon Sorenson, Katherine Heupel, Laura Olsen, Alex Mayhan, Kyle Brummet, Heidi Gonzalez, Nick Volf, Taylor Vaiskunas, Collin Davis, Sean Jones, Blake Bartel, Sienna Hansen, Joanne Lin, Mikki Schantell, Devin Corrieri, Yilin Su, Jordan Murman, Barbara Sofia Bueno Alvarez
2023-present	Gan Yong Sian; TAN VOON SHE

Grant Review Service

MARSDEN FUND Economics and Human and Behavioural Sciences Panel (2012)
 Air Force Office of Scientific Research (2012)
 Institute for Mental Health (Arizona, 2010 and 2013)
 UNL Layman awards (2013).
 NIH DBD panel *ad hoc* reviewer (December, 2013)
 NIH DBD panel *ad hoc* reviewer (February, 2014)
 German Academic Exchange Service (DAAD): P.R.I.M.E. ("Postdoctoral Researchers International Mobility Experience") (2014)
 ZRG1-EMNR-S-55 *ad hoc* reviewer (10/2017)
 NE EPSCoR FIRST Award Subcommittee (10/2017)
 Swiss National Science Foundation (08/2019)
 US National Science Foundation (2021)

Editorial Service

Board member of "Advances in Psychological Science" (China) (2016-2021)

Editorial member (Review Editor in Learning and Memory) of **Frontier in Behavioral Neuroscience** (October 2022-present)

Editorial member of **Zoological Research** (Jan 2023-present)

Journal Review Services

Neuropsychopharmacology; Neuropharmacology; Biological Psychiatry; Journal of Pharmacology and Experimental Therapeutics; Psychopharmacology; Neuroscience; Hormone and Behavior; Developmental Psychobiology; Physiology and Behavior; Pharmacology, Biochemistry, & Behavior; Behavioural Pharmacology; Hippocampus; Neuroscience Letters; Brain Research, Biochemical Pharmacology; Behavioural Brain Research; Pharmacological Research; Journal of Neural Transmission; Clinical and Experimental Pharmacology and Physiology; Journal of the Experimental Analysis of Behavior; CNS Neuroscience & Therapeutics; Clinical Psychopharmacology and Neuroscience; Pharmacological Reports; PLOS one; Brain and Cognition; Journal of Clinical Psychopharmacology; British Journal of Pharmacology; Acta Psychologica Sinica; Scientific Report; Journal of Neuroscience Research, Journal of Neuroendocrinology, Brain and Behavior, Nutritional Neuroscience; Translational Psychiatry; Chinese Journal of Physiology; Brain Behavior and Immunity, Animal Behaviour

Professional Societal Services

Member of Physiological Psychological Branch of Chinese Psychological Association (2014-present)
 Awards Committee Chair (APA Div 6) (2013-2014)
 Liaison of Div 28 of APA to the Committee on International Relations (2012-2013)
 Organizer of “Symposium on Psychopharmacology of Antipsychotic Drugs” (APA Div 28 Annual meeting, August, 2012)
 Reviewer: Midwestern Psychological Association Psi Chi Undergraduate Abstract (2019, 2020)

Past Professional Membership

Society for Neuroscience (SFN)
 Society for Behavioral Neuroendocrinology (SBN)
 American Psychological Association (APA)
 Midwestern Psychological Association (MPA)
 Chinese Psychological Association

University and Department Services

University Level:

2020-2022	Member of University Commencement and Recognition Committee
2007-July 2018	Member of IACUC at UNL
2008-2010	Member of NUgrant Advisory Board

College Level:

2015-2016	Member of Arts and Sciences Executive Committee
2015-2016	Member of Arts and Sciences Faculty Instructional Development Committee

Department Level:

2011-2018	Member of Graduate Executive Committee
2005-2018	Member of Department of Psychology Fellowship Committee
2007-2009	Member of Colloquium Committee, UNL Psychology Department
September 2013	Department faculty search committee
October 2018	Chair, Department (BN) faculty search committee
2005-2023	Master and PhD thesis committees:

	Jennifer Murray (2005), Carmela Reichel (2005), Alexa Mead (2006), Kate Wilson (2007), Amanda Struthers (2006), Petra Kleinlein (2007), Mark Shepherd (2008), Scott Barrett (2010), Sergios Charntikov (2010), Natashia Swalve (2009), Steve Pittenger (2011), Cindy Chou (2012), Mengjiao Zhang (2013), Jesse Hochheiser (2014), Patrick Ledwidge (2014), Brady Thompson (2017)
2006-2010	Undergraduate thesis supervisor: Rebecca Munro (2006), Ashley Rappana (2007), Justine Schulte (2008), Laura Olsen (2010)
2006-2007	Chair of Colloquium Committee, UNL Psychology Department
1998- 2001	Student Representative to the Animal Care Committee, University of Toronto at Mississauga

International Collaborations

2007-2010:	PhD supervisor for Tao Sun (<i>Nanjing Medical University</i>)
2008-2010:	PhD supervisor for Jing Chen and Chen Zhang (<i>Shanghai Jiaotong University</i>)
2010-2013:	PhD supervisor for Min Feng (<i>Institute of Psychology, Chinese Academy of Sciences</i>)
2011-2013:	Graduate student supervisor for Qing Shu (<i>Nanjing Medical University</i>) and Jing Qiao (<i>Southwest University</i>)
2012-2013:	Graduate student supervisor for Ronyin Qin (<i>Yangzhou Medical University</i>)
2015-2016:	Graduate student supervisor for Xiaonan Li and Xiaojing Ding (<i>Yangzhou Medical University</i>)

Invited Talks

1. **Li, M:** Tuesday Night Neuroscience, Omaha, April 17, 2007
2. **Li, M:** Midwestern Psychological Association Conference, May 1 - 3, 2008, Chicago.
3. **Li, M:** Ecology, Evolution & Behavior seminar at the School of Biological Sciences, University of Nebraska-Lincoln, Jan 30, 2009.
4. **Li, M:** Barrow Neurological Institute, April 13, 2010.
5. **Li, M:** Institute of Psychology, Chinese Academy of Sciences, July 1, 2010.
6. **Li, M:** Shanghai Institute of Mental Health, Jan 27, 2011.
7. **Li, M:** Rosaline Franklin University of Medicine and Science, April 6, 2011
8. **Li, M:** Cognitive Science Beijing Symposium, Beijing June 17-18, 2011
9. **Li, M:** Institute of Psychology, Southwest University, Chongqing, June 28, 2011
10. **Li, M:** City College of New York, CUNY, March 19, 2012
11. **Li, M:** American Psychological Association Annual Convention, August 4, 2012, Orlando.
12. **Li, M:** Annual Conference of Chinese Physiological Psychology Association, September, 25, 2012, Nanjing, China
13. **Li, M:** Tongji University, May 27, 2013
14. **Li, M:** Cognitive Science Beijing Symposium, Beijing, China, July 15-16, 2013
15. **Li, M:** Department of Developmental Neuroscience, UNMC, August 19, 2013
16. **Li, M:** Department of Psychiatry and Behavioral Science, UT medical school at Houston, November 20, 2013
17. **Li, M:** College of Chemistry and Pharmacology, Southwest Ethnicity University, China, April 10, 2014.

18. **Li, M**: Annual Convention of American Psychological Association, Washington DC, August 6, 2014.
19. **Li, M**: The 12th Chinese Physiological Psychology Convention, Shantou, October 22-25, 2014.
20. **Li, M**: Shenzhen University, Shenzhen, May 23, 2015.
21. **Li, M**: Anhui University, Hefei, June 5, 2015.
22. **Li, M**: Southwest Ethnicity University, October 19, 2015
23. **Li, M**: Peking University, March 28, 2016
24. **Li, M**: The 13th Chinese Physiological Psychology Convention, Chongqing, September 21-25, 2016.
25. **Li, M**: University of Georgia, February 21, 2017
26. **Li, M**: Annual Convention of American Psychological Association, Washington DC, August 3, 2017.
27. **Li, M**: The 14th Chinese Physiological Psychology Convention, Xi'an, September 19-22, 2018.
28. **Li, M**: The Second Conference on Cognitive Control, Guangzhou, China, January 4-5, 2019
29. 第六届肥胖、糖脂代谢病论坛暨第五届江苏省预防医学会肥胖预防与控制论坛暨第六届中国生物物理学会临床罕见代谢病专业分会年会暨第二届江苏省医学会罕见病专科分会遗传代谢学组年会暨第五届清江浦代谢病论坛：“生育经验影响心理和大脑健康”，江苏省淮安市；2023年12月09日
30. 第十六届中国生理心理学学术研讨会会议：“母性行为作为理解‘生育经验’影响大脑和心理功能的窗口”（大会报告），广东省广州市；2023年11月18日
31. 第二十五届全国心理学学术会议：“Effects of maternal immune activation (MIA) and repeated maternal separation (RMS) on postpartum behaviors in the female rat offspring”，四川成都，2023年10月15日
32. 脑客中国：“Serotonergic Mechanisms in the Regulation of Rat Maternal Behavior”，线上，2023年03月01日
33. 第四届中国妇幼健康研究会婴幼儿心理健康学术年会暨第十七届中国生理心理学学术研讨会：“母性行为下降的调节机制”（特邀报告），江西省九江市；2024年12月06-08日
34. 2025 认知神经科学研讨: Pup Cues: A Natural Calming Agent for Postpartum Anxiety in Female Rats; 2025年4月25日~4月27日安徽屯溪
35. 中国心理学会女性与生育心理学专业委员会（筹）2025年学术年会: An Evolutionary Dual-Process Framework for Understanding Cognitive and Emotional Changes During Pregnancy and the Postpartum Period, 2025年07月25日~27日江苏南京。
36. 第七次山东省护理心理学术会议: Why Do Mood Disturbances Often Occur in Early Postpartum? A Proximate-Ultimate Causal Explanation, 2025年08月01日~03日山东泰安。
37. 浙江大学心理与行为科学系恢复建系四十五周年学术活动 | 人工智能时代的心理学：前沿研究与学科发展研讨会，理解怀孕和产后认知和情绪变化的进化双加工模型，2025年11月8日。

Publications (Note: “*” denotes the corresponding author, articles highlighted in yellow are those published since I moved to Nanjing University)

Peer reviewed:

1. **Li, M*** (2026): Why Do Mood Disturbances Often Occur in Early Postpartum? An Integrative Neurobiological and Evolutionary Perspective, *Hormones and Behavior*

2. Liu, P., Bai, S., **Li, M.**, & Zhou, R. (2025). Test Anxiety and Trait Anxiety in Adolescence: Same or Different Structures? *Journal of Clinical Psychology*, 81(7), 583–594. doi: <https://doi.org/10.1002/jclp.23794>
3. **Li, M***, Xu, X., Zhu, Z., & Wang, W. (2025). Editorial summary: Perinatal stress, inflammation, and maternal-child mental health. *Brain Behavior and Immunity Integrative*, 9, 100106. <https://doi.org/https://doi.org/10.1016/j.bbii.2025.100106>
4. Wang, B., & **Li, M***. (2025). Does lateral habenula mediate effects of gestational stress on rat maternal behavior? *Brain Behav Immun Integr*, 9. <https://doi.org/10.1016/j.bbii.2024.100098>
5. Lian, B., He, Yihan., Dong, Da., Quan, Li., Feng, Tingyong*, **Li, M*** (2025) Developmental Trajectory of Autistic-Like Behaviors in a Prenatal Valproic Acid Rat Model of Autism, *Developmental Psychobiology*, Jan;67(1):e70008. doi: 10.1002/dev.70008.
6. Hong, Y., Zhang, T., Pang, C., Zou, L., **Li, M.**, & Zhou, R. (2024). The near and far transfer effects of computerized working memory training in typically developing preschool children: Evidence from event-related potentials. *J Exp Child Psychol*, 249, 106096. doi: 10.1016/j.jecp.2024.106096
7. **Li, M***. (2024). Is melanin-concentrating hormone in the medial preoptic area a signal for the decline of maternal care in late postpartum? *Front Neuroendocrinol*, 75, 101155. doi: 10.1016/j.yfrne.2024.101155
8. **Li, M*** (2024). Roadmap for Maternal Behavior Research in Domestic Dogs: Lessons from Decades of Laboratory Rodent Work. *Frontiers in Veterinary Science*. Section: Animal Behavior and Welfare. Volume 11 - 2024 | doi: 10.3389/fvets.2024.1394201
9. Huang, Y., Qing, R., Yang, Y., **Li, M.**, Gao, J., 2024. Sex and Age Differences in Ontogeny of Alloparenting: A Relation to Forebrain DRD1, DRD2, and HTR2A mRNA Expression? *Developmental Psychobiology* 66(6), e22524.
10. Wu, R., Chou, S., **Li, M***, (2024). Continuous oral olanzapine or clozapine treatment initiated in adolescence has differential short- and long-term impacts on antipsychotic sensitivity than those initiated in adulthood. *Eur J Pharmacol* 972, 176567.
11. Chou, S., Wu, R., & **Li, M***. (2023). Long-term impacts of prenatal maternal immune activation and postnatal maternal separation on maternal behavior in adult female rats: Relevance to postpartum mental disorders. *Behav Brain Res*, 461, 114831. <https://doi.org/10.1016/j.bbr.2023.114831>
12. Hou, L., Meng, Y., Gao, J., **Li, M.**, & Zhou, R. (2023). Women with more severe premenstrual syndrome have an enhanced anticipatory reward processing: a magnetoencephalography study. *Arch Womens Ment Health*, 26(6), 803-817. <https://doi.org/10.1007/s00737-023-01368-3>
13. **Li, M***. (2023). The medial prefrontal regulation of maternal behavior across postpartum: A triadic model. *Psychol Rev*, 130(4), 873-895. <https://doi.org/10.1037/rev0000374>

14. Wang, D., Jiang, J., Shang, W., Zhang, J., Jiang, X., Shen, F., Liang, J., Li, Y., **Li, M.**, Wang, M., & Sui, N. (2023). Effect of early embryonic exposure to morphine on defects in the GABAergic system of day-old chicks. *Prog Neuropsychopharmacol Biol Psychiatry*, 121, 110657. <https://doi.org/10.1016/j.pnpbp.2022.110657>
15. **Li, M***. (2022). Lateral habenula neurocircuits mediate the maternal disruptive effect of maternal stress: A hypothesis, *Zoological Research* 43, 166-175.
16. Duan, Y., Meng, Y., Du, W., **Li, M.**, Zhang, J., Liang, J., Li, Y., Sui, N., Shen, F., 2021. Increased cocaine motivation in tree shrews is modulated by striatal dopamine D1 receptor-mediated upregulation of Cav1.2. *Addiction biology* 26, e13053.
17. Chou, S., Davis, C., **Li, M***, 2021. Maternal immune activation and repeated maternal separation alter offspring conditioned avoidance response learning and antipsychotic response in male rats. *Behav Brain Res* 403, 113145
18. Pittenger ST, Chou S, Murawski NJ, Barrett ST, Loh O, Duque JF, **Li M**, Bevins RA. Female rats display higher methamphetamine-primed reinstatement and c-Fos immunoreactivity than male rats. *Pharmacol Biochem Behav.* 2021 Jan 7:173089. doi: 10.1016/j.pbb.2020.173089. Epub ahead of print. PMID: 33422599.
19. **Li, M*** (2020). Psychological and Neurobiological Mechanisms Underlying the Decline of Maternal Behavior. *Neurosci Biobehav Rev*, doi:10.1016/j.neubiorev.2020.06.009.
20. Jiang, F. Z., Zheng, W., Wu, C., Li, Y., Shen, F., Liang, J., **Li, M.**, Zhang, J. J. & Sui, N. Double dissociation of inhibitory effects between the hippocampal TET1 and TET3 in the acquisition of morphine self-administration in rats. *Addiction Biology*, e12875, doi:10.1111/adb.12875 (2020).
21. Wang, D., Zhang, J., Bai, Y., Zheng, X., Alizamini, M. M., Shang, W., Yang, Q., **Li, M.**, Li, Y. & Sui, N. Melanin-concentrating hormone in rat nucleus accumbens or lateral hypothalamus differentially impacts morphine and food seeking behaviors. *J Psychopharmacol*, 26988111989521, doi:10.1177/026988111989521 (2020).
22. Lin, H., Li, Q., Du, Q., Wang, O., Wang, Z., Akert, L., Carlson, M.A., Zhang, C., Subramanian, A., Zhang, C., Lunning, M., **Li, M.**, Lei, Y., 2019. Integrated generation of induced pluripotent stem cells in a low-cost device. *Biomaterials* 189, 23-36.
23. Gao*, J., Nie L, Li Y, **Li, M***. Serotonin 5-HT2A and 5-HT2C Receptors Regulate Rat Maternal Behavior through Distinct Behavioral and Neural mechanisms, *Neuropharmacology*, 2019 Nov 7:107848. doi: 10.1016/j.neuropharm.2019.107848.
24. Swalve, N., Mulholland, M. M., & **Li, M.** (2019). Alterations of acoustic features of 50 kHz vocalizations by nicotine and phencyclidine in rats. *Behav Pharmacol.* doi: 10.1097/FBP.000000000000463
25. Zhang, J.J., Jiang, F.Z., Zheng, W., Duan, Y., Jin, S.B., Shen, F., Liang, J., **Li, M.**, Sui, N. (2019). DNMT3a in the hippocampal CA1 is crucial in the acquisition of morphine self-administration in rats. *Addict Biol.* doi: 10.1111/adb.12730

26. Pawluski*, J. L., **Li, M***. & Lonstein*, J. S. Serotonin and motherhood: From molecules to mood. *Front Neuroendocrinol*, doi:10.1016/j.yfrne.2019.03.001 (2019).
27. Gao*, J., Chen, L. & **Li, M***. 5-HT_{2A} receptors modulate dopamine D₂-mediated maternal effects. *Pharmacol Biochem Behav* 180, 32-43, doi:10.1016/j.pbb.2019.03.003 (2019).
28. Gao*, J., Huang, Y. & **Li, M***. Does antagonism at 5-HT_{2A} receptors potentiate D(2) blockade-induced disruption of conditioned avoidance response? *Exp Clin Psychopharmacol*, doi:10.1037/pha0000243 (2018).
29. J. Gao and **Li, M*** (2018): Reinforcement Attenuation as a Behavioral Technique to Suppress Conditioned Avoidance Response in Rats: A Comparative Study with Olanzapine, *Journal of Psychopharmacology*
30. Nie, L., Di, T., Li, Y., Cheng, P., **Li, M***. & Gao, J*. Blockade of serotonin 5-HT_{2A} receptors potentiates dopamine D₂ activation-induced disruption of pup retrieval on an elevated plus maze, but has no effect on D₂ blockade-induced one. *Pharmacol Biochem Behav*, doi:10.1016/j.pbb.2018.06.004 (2018).
31. Lian, B., Gao, J., Sui, N., Feng, T*. & **Li, M***. Object, spatial and social recognition testing in a single test paradigm. *Neurobiol Learn Mem* 152, 39-49, doi:10.1016/j.nlm.2018.05.006 (2018).
32. Li, X., Ding, X., Wu, R., Chen, L., Gao, J., Hu, G. & **Li, M***. A behavioral mechanistic investigation of the role of 5-HT_{1A} receptors in the mediation of rat maternal behavior. *Pharmacol Biochem Behav* 169, 16-26, doi:10.1016/j.pbb.2018.04.002 (2018).
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Publications in Chinese

114. 王心越, & 李鸣. 潜在剖面分析揭示大学生生育态度的差异. 应用心理学, 1 - 15.
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Book and book chapters

121. Aya Dudin, Patrick McGowan, Ruiyong Wu, Alison S. Fleming, and **Ming Li*** (March, 2019): Psychobiology of Maternal Behavior in Nonhuman Mammals, *Handbook of Parenting (Vol 2. 2019)*
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123. **Li, M** and Spaulding, W (edited) *The Neuropsychopathology of Schizophrenia: Molecules, Brain Systems, Motivation, and Cognition*, © Springer International Publishing Switzerland 2016

Conference presentations

1. Li, M and Zhang, MJ: Behavioral Characteristics of a DISC1 Knockout Rat Model, ICOSR, San Diego, March 24-28, 2017
2. Freeman, E, Lin, J, Chou, S, Davis, C, **Li, M**: Sex differences in Aripiprazole Sensitization from Adolescence to Adulthood, Society for Neuroscience, November 12-16, 2016, San Diego.
3. Wu, R, Davis, C, **Li, M**: Behavioral mechanisms underlying the maternal disruption induced by 5-HT_{2C} agonism, Society for Neuroscience, October 17-21, 2015, Chicago.
4. Chou, S, Davis, C, **Li, M**: The effects of prenatal immune activation and infantile repeated maternal separation stress on maternal behavior, Society for Neuroscience, November 15-19, 2014, Washington DC.
5. Zhang, M, **Li, M**: Distal exposure to pups reduces startle response without altering prepulse inhibition in postpartum rats, Society for Neuroscience, November 15-19, 2014, Washington DC.

6. Gao, J, **Li, M**: The roles of 5-Hydroxytryptamine 2A and 2C receptors in maternal behaviors in rats, Society for Neuroscience, November 15-19, 2014, Washington DC.
7. Chou, S, Davis, C, Jones, S, **Li, M**: Assessment of repeated neurotensin receptor activation using three preclinical models of antipsychotic activation, Society for Neuroscience, November 9-13, 2013, San Diego, CA
8. Swalve, N, Pittenger, S, Bevins, RA and **Li, M**: The effects of phencyclidine on self-administration of nicotine: A novel hypothesis for the comorbidity of schizophrenia and nicotine abuse. Society for Neuroscience, November 9-13, San Diego, CA
9. **Li, M**, Feng, M and Sui, N: Drug--Drug Conditioning Between Nicotine and Clozapine in a Conditioned Avoidance Response Model, American Psychological Association Convention, Honolulu, Hawaii, July 31-August 2, 2013
10. Chou, SY, Shu, Q, and **Li, M**: Sensitization and Tolerance to Antipsychotics in Rats Using the Maternal Immune Activation Model, American Psychological Association Convention, Honolulu, Hawaii, July 31-August 2, 2013
11. Swalve, N, Petracca, M and **Li, M**: Phencyclidine and Nicotine's Effects on Ultrasonic Vocalizations Induced by a Visual Stimulus, American Psychological Association Convention, Honolulu, Hawaii, July 31-August 2, 2013
12. Shu, Q, Chou, S, **Li, M**: Acute Antipsychotic Treatments Alter BDNF Levels in the Adolescent Rat PCP Model, Society of Biological Psychiatry, 68th Annual Scientific Convention, May 16-18, 2013, San Francisco, California.
13. **Li, M**: Contextual and Behavioral Control of Antipsychotic-Induced Sensitization and Tolerance, Winter Conference on Animal Learning, and Behavior, Winter Park, Colorado, February 2 - February 6, 2013.
14. **Li, M**: Neurobiological mechanisms of antipsychotic sensitization and tolerance: Some preliminary findings, Winter Conference on Animal Learning, and Behavior, Winter Park, Colorado, February 2 - February 6, 2013.
15. Feng, M, Nan, Su and **Li, M**: Number of Testing Trials Affects the Avoidance Disruptive Effect of Clozapine and Olanzapine, American Psychological Association Annual Convention, August 2-5, 2012, Orlando, FL.
16. Zhao, CJ and **Li, M**: The neural basis underlying the disruptive effect of olanzapine on rat maternal behavior, Society for Behavioral Neuroendocrinology, June 15-18, 2012, Madison, WI.
17. **Li, M**, Feng, M and Sui, N: Asymmetrical across-model transfer of clozapine-induced tolerance between the conditioned avoidance response model and phencyclidine hyperlocomotion model, Society for Neuroscience, November 12-16, 2011, Washington DC.
18. **Li, M** and Sparkman, N: Classical conditioning in polypharmacy: Drug-drug conditioning of citalopram and haloperidol or olanzapine, November 12-16, 2011, Washington DC.
19. **Li, M** and He, W: Time course of the attenuation effect of repeated antipsychotic treatment on prepulse inhibition disruption induced by repeated phencyclidine treatment, Society of Biological Psychiatry, May 11-14, 2011, San Francisco.
20. Zhang, C, Fang, YR, and **Li M**: Sensitization Induced by Haloperidol and Olanzapine is Context-Dependent, Midwestern Psychological Association Conference, May 5-7, 2011, Chicago.
21. Swalve, N and **Li, M**: Characterization of the sensitization-like effect of antipsychotics using the conditioned avoidance response model, Society for Neuroscience, November 13-17, 2010, San Diego.
22. Zhao, CJ, Sun, T, and **Li, M**: Neuroanatomical mechanisms underlying the inhibitory effect of repeated antipsychotic treatment on repeated phencyclidine-induced hyperlocomotion, Society for Neuroscience, November 13-17, 2010, San Diego.

23. **Li, M** and Zhao, CJ: c-Fos identification of neuroanatomical sites associated with haloperidol and clozapine disruption of maternal behavior in the rat, Society of Behavioral Endocrinology, July 18-21, 2010, Toronto, Canada.
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