

吕蓓妮, MD, PhD

助理教授

北京大学全球健康发展研究院

地址: 北京市海淀区颐和园路 5 号 100871

邮箱: beinilv@gmail.com

工作经历

2022/09 至今 北京大学全球健康发展研究院 助理教授、研究员

2021/06 - 2022/06 美国约翰霍普金斯大学布隆伯格公共卫生学院流行病学系 助理研究员

教育经历

2017/09 - 2021/05 美国威斯康星大学麦迪逊分校 流行病学博士学位

2008/09 - 2016/07 北京大学 临床医学博士学位 (八年制)

课题项目

- 美国诊断和介入肾脏病学会小型研究项目, Exploring community characteristics and race on vascular access management, 2021, 主持
- 美国国立卫生研究院糖尿病、消化和肾脏疾病研究所基金, Chronic Kidney Disease Prognosis Consortium, 2018-2023, 参与
- 美国国立卫生研究院糖尿病、消化和肾脏疾病研究所基金, Medication Use and Adverse Events in CKD, 2018-2022, 参与
- 美国国立卫生研究院糖尿病、消化和肾脏疾病研究所基金, Integrative Omics, Chronic Kidney Disease, and Outcomes in Older Adults, 2020-2023, 参与

论文发表

1. **Lyu B**, Singh T, Astor BC. Epidemiology and outcomes for chronic kidney disease. *Nephrology Self-Assessment Program*. 2022; 21 (2).
2. **Lyu B**, Hwang YJ, Selvin E, Jameson BC, Chang AR, Grams ME, Shin JI. Antidiabetic agents and the risk of hypoglycemia: a real-world study. *Journal of General Internal Medicine*. 2022.

3. **Lyu B**, Chang AR, Inker LA, Selvin E, Grams ME, Shin JI. Socioeconomic Status and obesogenic medication use in the United States. *the Lancet Regional Health-Americas*. 11 (2022): 100249.
The Lancet Regional Health-Americas Editorial Commentaries: [Obesogenic and leptogenic medication utilization in people with obesity: Is there a prescription for improvement?](#)
 Healio Primary Care news: <https://www.healio.com/news/primary-care/20220419/adults-with-lower-socioeconomic-status-more-likely-to-use-obesogenic-medications>
4. **Lyu B**, Grams ME, Inker LA, Chang AR, Selvin E, Shin JI. Weight changes following antidiabetic medication use: real-world evidence from health system data. *Obesity Science & Practice*.2022.
5. **Lyu B**, Grams ME, Chang AR, Inker LA, Coresh J, Shin JI. SGLT2 Inhibitors, GLP-1 Receptor Agonists, and DPP4 Inhibitors and risk of hospitalization. *American Journal of cardiology*. 2022 Feb 15;165:124-130.
6. **Lyu B**, Chan MR, Yevzlin AS, Gardezi A, Astor BC. Arteriovenous access and risk of mortality and hospitalization among elderly hemodialysis patients- a target trial emulation approach. *American Journal of Kidney Diseases*. 2022 Jan;79(1):69-78.
 Healio Nephrology news: <https://www.healio.com/news/nephrology/20210630/arteriovenous-access-types-demonstrate-similar-risk-profiles>
 USRDS Publication Spotlight: <https://www.usrds.org/publications/>
7. Panthofer AM, **Lyu B**, Astor BC, Singh T, Aziz F, Mandelbrot DA, Parajuli S, Mohamed M, Djamali A, Garg N. Post-Kidney Transplant Serum Magnesium Exhibits a U-Shaped Association with Subsequent Mortality: An Observational Cohort Study. *Transplant International*. 2021 Oct;34(10):1853-1861.
8. Hwang YJ, **Lyu B**, Chang AR, Inker LA, Grams ME, Shin JI. Sodium-glucose cotransporter-2 inhibitors and the risk of abnormal serum potassium level: a population-based cohort study. *Clinical Journal of American Society of Nephrology*. 2021 Jul;16(7):1094-1096.
9. **Lyu B**, Mandelbrot DA, Djamali A, Astor BC. Graft Function Variability and Slope and Kidney Transplantation Outcomes. *Kidney International Reports*. 2021.6(6):1642-1652.
10. **Lyu B**, Chan MR, Yevzlin AS, Astor BC. Catheter dependence after arteriovenous fistula or graft placement among elderly patients on hemodialysis. *American Journal of Kidney Diseases*. Am J Kidney Dis. 2021 Sep;78(3):399-408.
11. **Lyu B**, Hansen KE, Jorgenson MR, Astor BC. Proton pump inhibitor and H2 receptor antagonist use and change in bone mineral density among kidney transplant recipients. *Am J Nephrol*.

2020;51(6):433-441.

12. **Lyu B**, Jorgenson MR, Hansen KE, Djamali A, Astor BC. Proton pump inhibitors, but not H2 receptor antagonists, are associated with incident fractures among kidney transplant recipients. *Transplantation*. 2020;104(12):2609-2615.
13. **Lyu B**, Hagen EW, Ravelo LA, Peppard PE. Blood pressure dipping and sleep quality in the Wisconsin Sleep Cohort. *J Hypertens*. 2020; 38(3):448-455.
J Hypertens Editorial Commentaries: [Time to rethink the management of underlying sleep disturbances in nondippers?](#)
14. Jorgenson MR, Descourouez JL, **Lyu B**, Astor BC, Saddler CM, Mandelbrot DA, Parajuli S. Management of BK Viremia is Associated with a Lower Risk of Subsequent Cytomegalovirus Infection in Kidney Transplant Recipients. *Clin Transplant*. 2020;34(3):e13798.
15. Tiwari R, **Lyu B**, Alagusundaramoorthy S, Astor BC, Mandelbrot DA, Parajuli S. Association of diagnosed obstructive sleep apnea with kidney transplant outcomes. *Clin Transplant*. 2019; 33(12).
16. Jorgenson MR, Descourouez JL, **Lyu B**, Astor BC, Garg N, Smith JA, Mandelbrot DA. The Risk of Cytomegalovirus Infection after Treatment of Acute Rejection in Renal Transplant Recipients. *Clin Transplant*. 2019; 33(8):e13636.
17. Jorgenson MR, Descourouez JL, Cardinale B, **Lyu B**, Astor BC, Garg N, Saddler CM, Smith JA, Mandelbrot DA. Risk of opportunistic infection in kidney transplant recipients with cytomegalovirus infection and associated outcomes. *Transpl Infect Dis*. 2019 Jun; 21(3):e13080.
18. **Lyu B**, Banerjee T, Scialla JJ, Shafi T, Yevzlin AS, Powe NR, Parekh RS, Astor BC. Vascular Calcification Markers and Hemodialysis Vascular Access Complications. *Am J Nephrol*. 2018; 48(5):330-338.
19. Cai W, Hite ZL, **Lyu B**, Wu Z, Lin Z, Gregorich ZR, Messer AE, McIlwain SJ, Marston SB, Kohmoto T, Ge Y. Temperature-sensitive sarcomeric protein post-translational modifications revealed by top-down proteomics. *J Mol Cell Cardiol*. 2018; 122:11-22.

论文在投/撰写

20. **Lyu B**, Sang Y, Selvin E, Chang AR, Alexander CG, Cohen CM, Coresh J, Shaleve V, Chodick G, Karasik A, Carrero JJ, Fu EL, Xu Y, Grams ME, Shin JI. Pharmacologic Treatment of Type 2 Diabetes in the United States, Sweden, and Israel: A Comparison across three Health Systems (under review at *Diabetes Care*)

21. **Lyu B**, Inker LA, Chang AR, Nolin TD, Coresh J, Grams ME, Shin JI. Estimated glomerular filtration rate indicators for drug dosing: discordance by BMI and age (*manuscript preparation*)
22. Hwang J, **Lyu B**, Ballew S, Coresh J, Grams AE, Shin JI. The association between socioeconomic status and use of potentially inappropriate medications in older adults (*submitted*)

荣誉和奖励

- 国家优秀自费留学生奖学金， 2022 年
 - 威斯康星大学 Donn D'Alessio 优秀毕业生， 2021 年
 - 威斯康星大学麦迪逊分校 Holtz Center 科技研究 Mini 奖学金， 2020 年
 - 美国肾脏病学会肾脏之星奖 (ASN Kidney STARS award)， 2020 年
 - 美国心脏协会心血管疾病学生研究奖学金 (Student Scholarships in Cardiovascular research)， 2020 年
- 研究课题 (research proposal): 肾移植受者的移植物功能与心血管事件的风险
- 威斯康星大学麦迪逊校区学生研究旅行奖 (Student Research Travel Award)， 2019 年
 - 威斯康星大学麦迪逊校区人口健康科学系最佳壁报奖 (People's Choice Poster Award)， 2018 年

学术报告

美国心脏病协会 EPI | Lifestyle and Cardiometabolic Health Scientific Sessions, 芝加哥, 2022 年 3 月

- Socioeconomic status and use of obesogenic and anti-obesity medications in the United States- a population-based study

美国肾脏病学会年会, 线上, 2021 年 11 月

- Weight changes following antidiabetic medication use: real-world evidence from health system data

美国糖尿病协会第 81 届科学年会, 线上, 2021 年 6 月

- SGLT2 Inhibitors, GLP-1 Receptor Agonists, and DPP-4 Inhibitors and Risk of All-Cause Hospitalization

威斯康星大学麦迪逊校区肾脏病学系 grand rounds, 威斯康星州麦迪逊, 2020 年 11 月

- Emulating target randomized controlled trials using electronic medical records

美国肾脏病学会年会, 线上, 2020 年 10 月

- Catheter dependency after vascular access placement among elderly patients on hemodialysis: an intention-to-treat analysis.

- Vascular access type and risk of mortality and hospitalization among elderly hemodialysis patients: a target trial emulation approach.
- Short-term variability in graft function is associated with long-term mortality but not allograft survival in kidney transplant recipients.

威斯康星大学麦迪逊校区肾脏病学系 grand rounds, 威斯康星州麦迪逊, 2020 年 1 月

- Proton pump inhibitors and the kidney

美国肾脏病学会年会, 华盛顿特区, 2019 年 11 月

- Proton pump inhibitors use and risk of major fracture in kidney transplant recipients

美国流行病学研究学会第 52 届年会, 明尼苏达州明尼阿波利斯, 2019 年 7 月

- Proton pump inhibitors and H2 receptor antagonist use and change in bone mineral density among kidney transplant recipients

威斯康星大学麦迪逊校区人口健康科学系, 威斯康星州麦迪逊市, 2018 年 3 月

- Vascular calcification markers and hemodialysis vascular access complications

学术审稿

- Diabetes Care
- Journal of the American Society of Nephrology
- Clinical Journal of the American Society of Nephrology
- Clinical Transplantation
- BMC nephrology
- Cardiology
- Hemodialysis international
- Antimicrobial Agents and Chemotherapy

学会成员

- 美国流行病学研究学会, 2018 年至今
- 美国肾脏病学会, 2019 年至今
- 美国心脏病协会, 2020 年至今
- 美国糖尿病协会, 2021 年至今