##### Dr Jennifer S Lees

*MA (Cantab) MBChB MRCP (Neph) PhD FERA*

*Curriculum Vitae*

## Personal details

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**Current positions**

* 2024-present: Wellcome Trust Early Career Fellow (University of Glasgow) and Honorary Consultant Nephrologist (NHS Greater Glasgow and Clyde)
* 2025-present: Deputy Director of Research, School of Cardiovascular and Metabolic Health, University of Glasgow
* 2024-present: European Renal Association Council, Elected Ordinary Council Member

## Education and qualifications

* 2024: Fellow of the European Renal Association
* 2022: Certificate of Completion of Training – Nephrology and General Internal Medicine
* 2020: Doctor of Philosophy (PhD) – Medicine: University of Glasgow
* 2019: Specialty Certificate Examination (SCE) – Nephrology: Royal College of Physicians
* 2012: Member of the Royal College of Physicians (MRCP): Royal College of Physicians
* 2006-2009: Bachelor of Medicine Bachelor of Surgery (MBChB): University of Edinburgh
* 2010: Master of Arts (MA; Cantab): University of Cambridge
* 2003-2006: Bachelor of Arts (BA; Hons): University of Cambridge

## Career history

* 2022-2024: Post-CCT Senior Clinical Research Fellow in Renal Medicine (University of Glasgow) and Honorary Consultant Nephrologist (NHS Greater Glasgow and Clyde)
* 2020-2022: Clinical Lecturer in Renal Medicine (University of Glasgow) and Honorary Specialty Registrar in Nephrology and General Internal Medicine – West of Scotland
* 2019-2020: Specialty Registrar in Nephrology and General Internal Medicine – West of Scotland
* 2016-2019: Out of programme research experience: PhD at the University of Glasgow
* 2013-2016: Specialty Registrar in Nephrology and General Internal Medicine – West of Scotland
* 2011-2013: Core Medical Training – South-East Scotland
* 2009-2011: Academic Foundation Trainee – South-East Scotland

## Research training and experience

* Current valid GCP certificate (2016, renewed 2018, 2021, 2023)
* MRC Research, GDPR and Confidentiality (2020, renewed 2023)

**Trials**

* 2024-present: Principal Investigator (Glasgow), SYNCHRONIZE-CVOT (Boehringer Ingelheim)
* 2017 – 2019: Chief Investigator (ViKTORIES; ISRCTN22012044; funded Kidney Research UK). Published: **Lees JS** et al, Am J Transplant (2021); doi:10.1111/ajt.16566
* 2016 – 2019: Co-investigator (K4Kidneys; ISRCTN21444964; funded British Heart Foundation). Published: Witham MD, **Lees JS**, et al. J Am Soc Nephrol (2020); 31(10): 2434-2445

## Publications

* **Publications:** 89 (31% first author; 25% corresponding author; 18% last author)
* **H-index:** Web of Science 19, Google Scholar 23.
* **Citation count:** 2,366
* **ORCiD:** https://orcid.org/0000-0001-6331-0178

**10 selected publications**

1. **Lees JS**, Welsh CE, Celis-Morales C, et al. “Glomerular filtration rate by differing measures, albuminuria and prediction of cardiovascular disease, mortality and end-stage kidney disease”. Nature Medicine (2019): 25; 1753-1760.
2. Witham MD, **Lees JS**, White M, et al. “Vitamin K supplementation to improve vascular stiffness in chronic kidney disease - the K4Kidneys randomised controlled trial”. J Am Soc Nephrol (2020); 31(10): 2434-2445
3. **Lees JS**, Rankin AJ, Gillis KA, et al. “The ViKTORIES trial: a randomised, double-blind, placebo-controlled trial of vitamin K supplementation to improve vascular health in kidney transplant recipients”. Am J Transplant (2021); 21(10): 3356-3368
4. **Lees JS,** Ho F, Parra-Soto S, et al. “Kidney function and cancer risk: an analysis using creatinine and cystatin C in a cohort study”. EClinicalMedicine (2021); 38: 101030
5. **Lees JS**, Hanlon P, Butterly E, et al. “The impact of age, sex and morbidity count on trial attrition: a meta-analysis of individual participant-level data from phase 3/4 industry-funded clinical trials”. BMJ Medicine (2022) 1(1): e000217
6. **Lees JS**, De La Mata N, Sullivan MK et al. “Sex differences in associations between creatinine and cystatin C-based kidney function measures with stroke and major bleeding”. European Stroke Journal (2023); 8(3): 756-768
7. Grams ME, Coresh J, Matsushita K et al **(Lees JS, middle author).** “Estimated glomerular filtration rate, albuminuria and adverse outcomes: an individual participant meta-analysis”. JAMA (2023) 330(13): 1266-1277.
8. Mayne KJ, Sullivan MK, **Lees JS (senior author). “**Sex and gender differences in the management of chronic kidney disease and hypertension”. Journal of Human Hypertension (2023) 37(8): 649-653
9. Sullivan MK, **Lees JS**, Rosales BM et al. “Sex and the relationship between cardiometabolic risk factors and estimated GFR decline: a population-based cohort study”. Am J Kidney Dis (2024); https://doi.org/10.1053/j.ajkd.2024.05.007
10. Shemilt R, Sullivan MK, Hanlon P et al **(Lees JS, senior author).** “Sex differences in the diagnosis of advanced cancer and subsequent outcome across the range of eGFR”. Nephrol Dial Transplant (2024) 39(11): 1799-1808; doi: 10.1093/ndt/gfae059.

## Editorial positions

* 2023-present: Biomarkers/Formulas Editor, Nephrology Dialysis Transplantation
* 2019-present: Graphical abstracts Editor, Nephrology Dialysis Transplantation

## Awards and grants

**Personal fellowships**

* 2024-2029: Wellcome Trust Early Career Award (301005/Z/23/Z): £1,119,039. “Kidney function as a complicator of cancer treatment”
* 2020-2022: NHS Education for Scotland/Chief Scientist Office Postdoctoral Lectureship Scheme (PCL/20/10). “Defining the bi-directional relationship between cancer and kidney disease”
* 2017-2019: Kidney Research UK Training Fellowship (TF\_013\_20161125): £171,115. “Vitamin K in Transplanted kidney Organ Recipients: Investigating vEssel Stiffness (ViKTORIES)”
* 2016-2017: British Heart Foundation Centre of Research Excellence Award (RE/13/5/30177)

**Project grants**

* 2025: Chief Scientist Office Health Improvement, Protection and Services Research Grant (HIPS/24/31): £349,802. **“Scottish Cardiometabolic Assessment and Risk Determination: SCOTCARD”.** Co-investigator.
* 2024-2025: Karolinska Institutet Research Foundation Grants (2024-02610): SEK 282,800. “The role of kidney function in cancer treatment eligibility and clinical outcomes”. Principal Investigator
* 2024-2026: International Society of Nephrology, Clinical Research Programme: USD 19,988. “Cystatin C in Africa: CKD screening, diagnosis, and predicting outcomes”. Co-investigator.
* 2024-2025: Kidney Research UK Project Grant (RP\_015\_20221129): £80,869. “Kidney-related adverse events associated with intravitreal VEGF-inhibitor use: a national cohort Study”. Co-Investigator. 2% FTE.

**Selected prizes**

* 2022: Eberhard-Ritz Award, European Renal Association: Young Investigator Award for Clinical Science
* 2022: Raine Award, UK Kidney Association: for significant contribution to renal research by a researcher who has not reached consultant grade