



# Seminars in NEPHROLOGY

VOL. 42, NO. 2

March 2022

## Sex and Gender in Kidney Health and Disease

Sofia B. Ahmed, MD, MMSc, FRCPC

Guest Editor

### TABLE OF CONTENTS

- 99 **Introduction: Sex and Gender in Kidney Health and Disease: Time for a Paradigm Shift**  
*Sofia B. Ahmed*
- 101 **Sex and gender differences in chronic kidney disease and access to care around the globe**  
*Guillermo García García, Arpana Iyengar, François Kaze, Ciara Kierans, Cesar Padilla-Altamira, and Valerie A. Luyckx*
- 114 **X-Linked Kidney Disorders in Women**  
*Catherine Quinlan and Michelle N. Rbeault*
- 122 **The Other Way Around: Living With Chronic Kidney Disease From the Perspective of Men**  
*Manfred Hecking, Sebastian Hödlmoser, Sofia B. Ahmed, and Juan Jesus Carrero*
- 129 **Chronic Kidney Disease in the Transgender, Nonbinary, or Gender Diverse Person**  
*David Collister, Yonah Krakowsky, Emery Potter, and Adam C. Millar*
- 142 **Reproductive Health in Chronic Kidney Disease: The Implications of Sex and Gender**  
*Sandra M. Dumanski, Dag Eckersten, and Giorgina Barbara Piccoli*
- 153 **Sex-Based Differences in Risk Factors and Complications of Chronic Kidney Disease**  
*Melanie L.R. Wyld, Nicole L. De La Mata, Andrea Viecelli, Ramyasuda Swaminathan, Kim M O'Sullivan, Emma O'Lone, Matthew Rowlandson, Anna Francis, Kate Wyburn, and Angela C. Webster*
- 170 **Sex and Gender Related Differences in Diabetic Kidney Disease**  
*Vikas S. Sridhar, Kevin Yau, Jamie L. Benham, David J.T. Campbell, and David Z.I. Cherney*
- 185 **Sex and Gender in Glomerular Disease**  
*Hannah Beckwith, Liz Lightstone, and Steve McAdoo*
- 197 **Sex, Gender, and Cardiovascular Disease in Chronic Kidney Disease**  
*Tae Won Yi and Adeera Levin*

On the cover:

Influences of sex and gender on glomerular disease

- 208 Sex Differences in Acute Kidney Injury**  
*Joel Neugarten and Ladan Golestaneh*
- 219 Sex and Gender Differences in Kidney Transplantation**  
*Goni Katz-Greenberg and Silvi Shab*
- 230 Sex Differences and the Risk of Kidney Stones**  
*Pietro Manuel Ferraro, Tamara da Silva Cunha, and Gary C. Curhan*