



# Clinical Therapeutics

The International  
Peer-Reviewed Journal  
of Drug Therapy

Volume 44, Number 1, January 2022

---

## Editorial

- 1 Our Pledge to Assemble a More Diverse and Inclusive Editorial Team at Clinical Therapeutics  
*Ravi Jhaveri, Jill Maron*

## Editorial

- 4 Sex Matters: The Importance of Generating Sex-Based Care Models  
*Jill L. Maron*

## WOMEN'S HEALTH AND GENDER MEDICINE UPDATE

### Influence of Sex and Gender on Lifestyle Interventions for Cardiovascular Diseases

## Editorial

---

- 8 Influence of Sex and Gender on Lifestyle Interventions for Cardiovascular Disease  
*Basmah Safdar*

## Original Research

---

- 11 Sex-Based Differences in Peak Exercise Blood Pressure Indexed to Oxygen Consumption Among Competitive Athletes  
*Bradley J. Petek, Sarah K. Gustus, Timothy W. Churchill, J. Sawalla Guseh, Garrett Loomer, Carolyn VanAtta, Aaron L. Baggish, Meagan M. Wasfy*

## Commentaries

---

- 23 Exploring Obesity as a Gendered Contagion: Impact on Lifestyle Interventions to Improve Cardiovascular Health  
*Ynhi T. Thomas, Connie B. Newman, Nina G. Faynshtayn, Alyson J. McGregor*
- 33 Resistance Training as Treatment for Sarcopenia: Examining Sex-Related Differences in Physiology and Response  
*Ryan Cheng, Aidan Maloney, Jay Moran, Thomas H. Newman, Elizabeth C. Gardner*
- 41 Exercise and the Female Heart  
*Shiavax J. Rao, Ankit B. Shah*

## FEATURED CONTENT

### Original Research

---

- 52 *Express Track:* Projecting the Long-term Clinical Value of Mavacamten for the Treatment of Obstructive Hypertrophic Cardiomyopathy in the United States: An Assessment of Net Health Benefit  
*Nihar Desai, Jipan Xie, Yan Wang, Megan B. Sutton, John Whang, Jennifer T. Fine, Louis P. Garrison Jr*
- 67 *Express Track:* Population Pharmacokinetic and Pharmacodynamic Analysis of Polmacoxib in Healthy Volunteers and Patients With Osteoarthritis  
*Yong-Soon Cho, Kyun-Seop Bae, Seung Chan Choi, Joong Myung Cho, Hyeong-Seok Lim*

- 81** Importance of Time Point–Specific Indirect Treatment Comparisons of Osteoporosis Treatments: A Systematic Literature Review and Network Meta-Analyses  
*Damon Willems, Muhammad Kassim Javaid, Rafael Pinedo-Villanueva, Cesar Libanati, Alon Yehoshua, Mata Charokopou*
- e1** Willingness to Accept Expedited COVID-19 Vaccine Research for Children Aged <12 Years After Adult Vaccine Approval  
*Ran D. Goldman, Jeffrey N. Bone, Renana Gelernter, Danna Krupik, Eileen J. Klein, Mark A. Griffiths, Ahmed Mater, for the International COVIPAS (COVID-19 Parental Attitude Study) Group*
- 98** The Effect of Acid Suppression Therapy on the Safety and Efficacy of Plecanatide: Analysis of Randomized Phase III Trials  
*Baharak Moshiree, Philip Schoenfeld, Howard Franklin, Ali Rezaie*
- 111** Establishing PK Equivalence Between Adalimumab and ABP 501 in the Presence of Antidrug Antibodies Using Population PK Modeling  
*Sameer Doshi, Hui Wang, Vincent Chow*
- 123** Clinical Evaluation and Therapeutic Effects of Combination Treatment with Mecobalamin + Vitamin E in Recurrent Oral Ulcer  
*Juanjuan Cui, Wei Lin, Xiaonan Ma, Jinian Wang*

### Reviews

---

- 132** *Express Track: Dynamic Regulatory Assessment: evolving the European Regulatory Framework for the Benefit of Patients and Public Health—an EFPIA View*  
*Esteban Herrero-Martinez, Nasir Hussain, Nadege Le Roux, Judith MacDonald, Mark Mayer, Rodrigo Palacios, Thomas C. Kühler*
- 139** Reinforcement Learning Methods in Public Health  
*Justin Weltz, Alex Volfovsky, Eric B. Laber*

*Clinical Therapeutics* (ISSN 0149-2918) is cited in the following abstracting and indexing services: BIOSIS Previews® – CINAHL® – Cambridge Scientific Abstracts – Cancer Lit® – Chemical Abstracts Services – Current Awareness in Biological Sciences – Current Contents® Clinical Medicine – Current Opinion Series – De Haen Drug Data – Derwent Drug File (Biotechnology Resource) – EMBASE – Health Economic Evaluations Database (HEED) – International Pharmaceutical Abstracts – Iowa Drug Information Service (IDIS) – MEDLINE® – MUST – Martindale: The Extra Pharmacopeia (Martindale Online) – Medical Documentation Service – PharmacoEconomics and Outcomes News – PsycINFO – Research Alert – SciSearch® – Science Citation Index® – Scopus Smoking and Health Database Sociedad Iberoamericana de Información Científica (SIIC) Data Base. Also available online @ [www.sciencedirect.com](http://www.sciencedirect.com)