



Clinical Therapeutics

The International
Peer-Reviewed Journal
of Drug Therapy

Volume 38, Number 7, July 2016

Editor-In-Chief's Note

- 1543** Genomics and the Prediction and Characterization of Cancer and Some Observations About Pancreatic Cancer
Richard I. Shader

ONCOLOGY AND HEMATOLOGY UPDATE: AN UPDATE ON CANCER GENETICS

Editorial

- 1548** Cancer Genomics: Targeting Inherited Risk and Somatic Mutations in Precision Oncology
Andrea J. Bullock

Review Articles

- 1551** Current Challenges in Cancer Treatment
Jon Zugazagoitia, Cristiano Guedes, Santiago Ponce, Irene Ferrer, Sonia Molina-Pinelo, and Luis Paz-Ares
- 1567** Concordant and Discordant EGFR Mutations in Patients With Multifocal Adenocarcinomas: Implications for EGFR-Targeted Therapy
Jody C. Chuang, Joseph B. Shrager, Heather A. Wakelee, and Joel W. Neal
- 1577** DNA Damage Repair and the Emerging Role of Poly(ADP-ribose) Polymerase Inhibition in Cancer Therapeutics
Karen Rabenau and Erin Hofstatter
- 1589** Genomic Alterations and Targeted Therapy in Gastric and Esophageal Adenocarcinoma
Eirini Pectasides
- 1600** Advances in Hereditary Colorectal and Pancreatic Cancers
Meghan L. Underhill, Katharine A. Germansky, and Matthew B. Yurgelun
- 1622** Genetic Testing in Pancreatic Ductal Adenocarcinoma: Implications for Prevention and Treatment
Mary Linton B. Peters, Jennifer F. Tseng, and Rebecca A. Miksad

FEATURED CONTENT

Original Research

- 1638** *Express Track:* A Predictive Model to Estimate Cost Savings of a Novel Diagnostic Blood Panel for Diagnosis of Diarrhea-predominant Irritable Bowel Syndrome
Mark Pimentel, Chris Purdy, Raf Magar, and Ali Rezaie
- 1653** *Express Track:* Self-reported Barriers to Adherence and Persistence to Treatment With Injectable Medications for Type 2 Diabetes
C. Victor Spain, Jonathon J. Wright, Rebecca M. Hahn, Ashley Wivel, and Alan A. Martin
- 1665** *Express Track:* A Randomized Phase I Pharmacokinetic Study Comparing Biosimilar Candidate SB3 and Trastuzumab in Healthy Male Subjects
Xavier Pivot, Elsa Curtit, Yoon Jung Lee, George Golor, Anke Gauliard, Donghoon Shin, Youngdoe Kim, Hansook Kim, and Rainard Fuhr

Continued on next page

- 1674** Evaluation of Crushed Tablet for Oral Administration and the Effect of Food on Apixaban Pharmacokinetics in Healthy Adults
Yan Song, Ming Chang, Akiyuki Suzuki, Robert J.A. Frost, Anne Kelly, Frank LaCreta, and Charles Frost
- 1686** Proportion and Characteristics of Patients in Sweden Remaining at High Risk of Fracture Despite Prior Treatment
Dan Mellström, Xiaoqin Yang, Zhiyi Li, Chun-Po Steve Fan, Ewa Waern, Ankita Modi, Shiva Sajjan, and Stina Salomonsson
- 1696** Cardiovascular Disease Risk Associated With Familial Hypercholesterolemia: A Systematic Review of the Literature
Bruce Wong, Gregory Kruse, Lucie Kutikova, Kausik K. Ray, Pedro Mata, and Eric Bruckert
- 1710** The Budget Impact of Increased Use of Febuxostat in the Management of Gout: A US Health Plan Managed Care Pharmacy and Medical Costs Perspective
Lee J. Smolen, James C. Gahn, Ghaith Mitri, and Aki Shiozawa
- 1726** Effect of Gabapentin Enacarbil on Individual Items of the International Restless Legs Study Group Rating Scale and Post-sleep Questionnaire in Adults with Moderate-to-Severe Primary Restless Legs Syndrome: Pooled Analysis of 3 Randomized Trials
Mansoor Ahmed, Ryan Hays, J. Steven Poceta, Mark J. Jaros, Richard Kim, and Gwendoline Shang
- 1738** Relationship Between Time Consumption and Quality of Responses to Drug-related Queries: A Study From Seven Drug Information Centers in Scandinavia
Linda Amundstuen Reppe, Stian Lydersen, Jan Schjøtt, Per Damkier, Hanne Rolighed Christensen, Jens Peter Kampmann, Ylva Böttiger, and Olav Spigset
- 1750** Impact of Antimicrobial Stewardship on Outcomes in Hospitalized Veterans With Pneumonia
Kari E. Kurtzhals, John A. Sellick Jr, Christine A. Ruh, James F. Carbo, Michael C. Ott, and Kari A. Mergenhausen
- 1759** A Prospective Evaluation of the Effects of Prevalent Depressive Symptoms on Disease Activity in Rheumatoid Arthritis Patients Treated With Biologic Response Modifiers
Alan M. Rathbun, Leslie R. Harrold, and George W. Reed