

# TRANSLATIONAL RESEARCH

The Journal of Laboratory and Clinical Medicine

Volume 149, Number 3, March 2007

## Contents

### CASE REPORT

- 103 SU-011248, a vascular endothelial growth factor receptor-tyrosine kinase inhibitor, controls chronic psoriasis  
*Mani Keshtgarpour and Arkadiusz Z. Dudek, Minneapolis, Minn*

### REVIEW ARTICLES

- 107 Pathogenesis of autoimmune hepatitis: from break of tolerance to immune-mediated hepatocyte apoptosis  
*Pascal Lapierre, Kathie Béland, and Fernando Alvarez, Montréal, Québec, Canada*
- 114 Noninvasive assessment of fibrosis in non-alcoholic fatty liver disease (NAFLD) and non-alcoholic steatohepatitis (NASH)  
*Luca Miele, Alessandra Forgione, Giovanni Gasbarrini, and Antonio Grieco, Rome, Italy*

### ORIGINAL ARTICLES

- 126 Cytokine—chemokine and apoptotic signatures in patients with hepatitis C  
*Manuela G. Neuman, Jean-Pierre Benhamou, Patrick Marcellin, Dominique Valla, Izabella M. Malkiewicz, Gad G. Katz, Christian Trepo, Marc Bourliere, Ross G. Cameron, Lawrence Cohen, Mary Morgan, Henda Schmilovitz-Weiss, and Ziv Ben-Ari, Toronto, Ontario, Canada; Clichy, Lyon, and Marseille, France; and Petah Tiqva, Israel*

- 137 Matrix metalloproteinases in premature coronary atherosclerosis: influence of inhibitors, inflammation, and genetic polymorphisms

*Samuele Nanni, Giovanni Melandri, Roeland Hanemaaijer, Vittorio Cervi, Luciana Tomasi, Annalisa Altimari, Natascha Van Lent, Pierluigi Tricoci, Letizia Bacchi, and Angelo Branzi, Bologna, Italy and Leiden, The Netherlands*

- 145 Irregularity test for very short electrocardiogram (ECG) signals as a method for predicting a successful defibrillation in patients with ventricular fibrillation  
*Timotej Jagrič, Marko Marhl, Dušan Štajer, Špela Tadel Kocjančič, Tomaž Jagrič, Matej Podbregar, and Matjaž Perc, Maribor and Ljubljana, Slovenia*

- 152 Trimetazidine inhibits cardiomyocyte apoptosis in a rabbit model of ischemia-reperfusion  
*Yin Ruixing, Liang Wenwu, and Rasheed Al-Ghazali, Guangxi, China*

### ANNOUNCEMENT

- 161 Appreciation to Reviewers  
*Jeffrey Laurence and Michael Franklin*
- 163 Erratum

### READER SERVICES

- 3A Author Guidelines
- C3 Information for Readers

Visit our website at [www.elsevier.com/transres](http://www.elsevier.com/transres)