Major Clinical Trials

Desmoteplase 3 to 9 Hours After Major Artery Occlusion Stroke: The DIAS-4 Trial (Efficacy and Safety Study of Desmoteplase to Treat Acute Ischemic Stroke)
Rüdiger von Kummer, Prof Dr med; Eisuro Mori, MD; Thomas Truelsen, MD; Jens-Kristian S. Jensen, MSc; Björn A. Grüning, MD; Jochen B. Fiebach, Prof Dr med; Karl-Olof Lovblad, Prof Dr med; Salvador Pedraza, MD, PhD; Javier M. Romero, MD; Hugues Chabrier, MD, PhD; Ku-Chou Chang, MD; Antoni Dávalos, MD, PhD; Gary A. Ford, FRCP; James Grotta, MD; Markku Kaste, MD, PhD; Lee H. Schwamm, MD; Ashfaq Shuaib, MD, FRCP; Gregory W. Albers, MD; for the DIAS-4 Investigators

Results of the ICTuS 2 Trial (Intravascular Cooling in the Treatment of Stroke 2)
Patrick Lyden, MD; Thomas Hemmen, MD, PhD; James Grotta, MD; Karen Rapp, BSN; Karin Ernstorn, MS; Teresa Rzesiewicz, MSN; Stephanie Parker, MSN; Mauricio Concha, MD; Syed Hussain, MD; Sachin Agarwal, MD; Brett Meyer, MD; Julie Jurf, MSN; Irfan Altafullah, MD; Rema Raman, PhD

Original Contributions

Clinical Sciences

Altered Expression of Long Noncoding RNAs in Blood After Ischemic Stroke and Proximity to Putative Stroke Risk Loci
Cheryl Dykstra-Aiello, BS; Glen C. Jackling, MD; Bradley P. Ander, PhD; Natasha Shroff, BS; Xinhua Zhan, MD, PhD; DaZhi Liu, PhD; Heather Hull, BS; Miles Orantia, BS; Boryana S. Stamova, PhD; Frank R. Sharp, MD

Linkage and Association Analysis Identifies TRAF1 Influencing Common Carotid Intima–Media Thickness
Nicole Heßler, MSc; Marie Henriek Geisel, MSc; Stefan Coassin, PhD; Raimund Erbel, MD; Stefanie Heilmann, PhD; Frauke Hennig, MSc; Barbara Hoffmann, MD; Karl-Heinz Jöckel, PhD; Susanne Moebus, PhD; Susanna Moskau-Hartmann, MD; Gudrun Nürnberg, MSc; Peter Nürnberg, PhD; Maren Vens, PhD; Thomas Klockgether, MD; Florian Kronenberg, MD; André Scherag, PhD; Andreas Ziegler, PhD

Menopausal Hot Flashes and Carotid Intima Media Thickness Among Midlife Women
Rebecca C. Thurston, PhD; Yuefang Chang, PhD; Emma Barinas-Mitchell, PhD; J. Richard Jennings, PhD; Doug P. Landsittel, PhD; Nanette Santoro, MD; Roland von Känel, MD; Karen A. Matthews, PhD

Effect of Exhaust and Nonexhaust-Related Components of Particulate Matter on Long-Term Survival After Stroke
Anita Desikan, MSc; Siobhan Crichton, PhD; Uy Hoang, MPH, MBBS, MD; Benjamin Barratt, PhD; Sean D. Beevers, PhD; Frank J. Kelly, PhD; Charles D.A. Wolfe, MD

Impact of Clinical Trial Results on the Temporal Trends of Carotid Endarterectomy and Stenting From 2002 to 2014
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Power of an Adaptive Trial Design for Endovascular Stroke Studies: Simulations Using IMS (Interventional Management of Stroke) III Data
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Corrections

On the cover: The image is taken from an article in this issue, “Histopathologic Analysis of Retrieved Thrombi Associated With Successful Reperfusion After Acute Stroke Thrombectomy” by Hashimoto et al (Stroke. 2016;47:3035–3037). The image is Figure A and B.