<table>
<thead>
<tr>
<th>Page</th>
<th>Title</th>
<th>Authors</th>
<th>DOI</th>
<th>Published online</th>
</tr>
</thead>
<tbody>
<tr>
<td>1531</td>
<td>Epilepsy due to mutations in the mitochondrial polymerase gamma (POLG) gene: A clinical and molecular genetic review</td>
<td>Maria-Eleni Anagnostou, Yi Shiau Ng, Robert W. Taylor, and Robert McFarland</td>
<td>10.1111/epi.13508</td>
<td>August 24, 2016</td>
</tr>
<tr>
<td>1546</td>
<td>Regional and global connectivity disturbances in focal epilepsy, related neurocognitive sequelae, and potential mechanistic underpinnings</td>
<td>Dario J. Englot, Peter E. Konrad, and Victoria L. Morgan</td>
<td>10.1111/epi.13510</td>
<td>August 24, 2016</td>
</tr>
<tr>
<td>1568</td>
<td>Dynamics of sensorimotor cortex activation during absence and myoclonic seizures in a mouse model of juvenile myoclonic epilepsy</td>
<td>Li Ding and Martin J. Gallagher</td>
<td>10.1111/epi.13493</td>
<td>August 30, 2016</td>
</tr>
<tr>
<td>1581</td>
<td>Continuous spike-waves during slow-wave sleep in a mouse model of focal cortical dysplasia</td>
<td>Qian-Quan Sun, Chen Zhou, Weiguo Yang, and Daniel Petrus</td>
<td>10.1111/epi.13501</td>
<td>August 16, 2016</td>
</tr>
</tbody>
</table>
When left-hemisphere reading is compromised: Comparing reading ability in participants after left cerebral hemispherectomy and participants with developmental dyslexia
Tami Katzir, Joanna A. Christodoulou, and Stella de Bode
doi: 10.1111/epi.13507; Published online: August 30, 2016

Association of HLA genotypes with phenobarbital hypersensitivity in children
Wiparat Manuyakorn, Surakameth Mahasirimongkol, Plermpit Likkasittipan, Wasu Kamchaisatian, Sukanya Watanapokayakit, Wimala Inunchot, Ananit Visudtibhan, Nuanjun Wichukchinda, and Suwat Benjaponpitak
doi: 10.1111/epi.13509; Published online: August 24, 2016

Cannabidiol as a new treatment for drug-resistant epilepsy in tuberous sclerosis complex
Evan J. Hess, Kirsten A. Moody, Alexandra L. Geffrey, Sarah F. Pollack, Lauren A. Skirvin, Patricia L. Bruno, Jan L. Paolini, and Elizabeth A. Thiele
doi: 10.1111/epi.13499

Long-term exposure and safety of lacosamide monotherapy for the treatment of partial-onset (focal) seizures: Results from a multicenter, open-label trial
David G. Vossler, Robert T. Wechsler, Paulette Williams, William Byrnes, and Sheila Therriault on behalf of the ALEX-MT study group
doi: 10.1111/epi.13502; Published online: August 16, 2016

Retinal structure and function in vigabatrin-treated adult patients with refractory complex partial seizures
Robert C. Sergott, Chris A. Johnson, Kenneth D. Laxer, Robert T. Wechsler, Katya Cherny, JoAnn Whittle, Ge Feng, Deborah Lee, and Jouko Isojarvi
doi: 10.1111/epi.13495; Published online: September 01, 2016

Depression and genetic causal attribution of epilepsy in multiplex epilepsy families
Shawn T. Sorge, Dale C. Hesdorffer, Jo C. Phelan, Melodie R. Winawer, Sara Shostak, Jeff Goldsmith, Wendy K. Chung, and Ruth Ottman
doi: 10.1111/epi.13500; Published online: August 25, 2016

The spectrum of epilepsy and electroencephalographic abnormalities due to SHANK3 loss-of-function mutations
J. Lloyd Holder Jr., and Michael M. Quach
doi: 10.1111/epi.13506; Published online: August 24, 2016
1660
Family-centered care in children with epilepsy: Evaluating the Measure of Processes of Care (MPOC-20)
Kariym C. Joachim, Piotr Wilk, Bridget L. Ryan, and Kathy N. Speechley
doi: 10.1111/epi.13494; Published online: August 08, 2016

1669
Cost-effectiveness analysis of epilepsy surgery in a controlled cohort of adult patients with intractable partial epilepsy: A 5-year follow-up study
doi: 10.1111/epi.13492; Published online: September 05, 2016

1680
A prospective study contrasting the psychiatric outcome in drug-resistant epilepsy between patients who underwent surgery and a control group
Sònia Ramos-Perdigués, Eva Baillés, Anna Mané, Mar Carreño, Antonio Donaire, Jordi Rumia, Nuria Bargalló, Teresa Boget, Xavier Setoain, Manuel Valdes, and Luís Pintor
doi: 10.1111/epi.13497; Published online: August 26, 2016

1691
Post–epilepsy surgery psychogenic nonepileptic seizures
Ali A. Asadi-Pooya, Marjan Asadollahi, Jennifer Tinker, Maromi Nei, and Michael R. Sperling
doi: 10.1111/epi.13513; Published online: August 24, 2016

1697
Complications of subdural and depth electrodes in 269 patients undergoing 317 procedures for invasive monitoring in epilepsy
Richard F. Schmidt, Chengyuan Wu, Michael J. Lang, Pranay Soni, Kim A. Williams Jr, David W. Boorman, James J. Evans, Michael R. Sperling, and Ashwini D. Sharan
doi: 10.1111/epi.13503; Published online: August 23, 2016

1709
Seizure-related modulation of systemic arterial blood pressure in focal epilepsy
Kevin G. Hampel, Amirhossein Jahanbekam, Christian E. Elger, and Rainer Surges
doi: 10.1111/epi.13504; Published online: August 23, 2016
Hippocampal malrotation is an anatomic variant and has no clinical significance in MRI-negative temporal lobe epilepsy
Meng-Han Tsai, David N. Vaughan, Yuliya Perchyonok, Greg J. Fitt, Ingrid E. Scheffer, Samuel F. Berkovic, and Graeme D. Jackson
doi: 10.1111/epi.13505; Published online: August 26, 2016

A computational biomarker of idiopathic generalized epilepsy from resting state EEG
Helmut Schmidt, Wessel Woldman, Marc Goodfellow, Fahmida A. Chowdhury, Michalis Koutroumanidis, Sharon Jewell, Mark P. Richardson, and John R. Terry
doi: 10.1111/epi.13481; Published online: August 08, 2016

Address correspondence to John R. Terry, College of Engineering, Mathematics & Physical Sciences, University of Exeter, Exeter EX4 4QJ, U.K. E-mail: j.terry@exeter.ac.uk

Epilepsy is a serious neurological condition, characterized by the tendency to have recurrent seizures. At present, clinical diagnosis relies on: (i) case history, which can be unreliable; (ii) observing transient abnormal activity during electroencephalography (EEG), which may not be present during clinical evaluation; (iii) if diagnostic uncertainty persists, undertaking prolonged monitoring in order to observe seizures, which is costly. Herein, we describe the discovery and validation of an epilepsy biomarker based on computational analysis of a short segment of resting-state (inter-ictal) EEG. We demonstrate that the biomarker has 100% specificity at 57% sensitivity, and 100% sensitivity at 65% specificity.

Genetic risk factors for antiepileptic drug–induced hypersensitivity reactions in Israeli populations
Shoshana Israel, Nicola Maggio, Dana Ekstein, Huda Zaid, Maria Firer, Yana Bederovsky, Iris Noyman, Revital Gandelman-Marton, Ilan Blatt, Chaim Brautbar, Eli Marom, Dorit Nahlieli Dil, Erez Berman, David Sabag, Arieh Inger, and Sara Eyal
doi: 10.1111/epi.13498; Published online: August 16, 2016

Address correspondence to Sara Eyal, Institute for Drug Research, Room 613, School of Pharmacy, Faculty of Medicine, the Hebrew University of Jerusalem, Ein Kerem, Jerusalem, 91120, Israel. E-mail: sarae@ekmd.huji.ac.il

The distribution of Human leukocyte antigen (HLA) alleles B*15:02 and A*31:01, known to enhance risk for cutaneous adverse effects of carbamazepine and phenytoin, was estimated in Jewish and Arab populations in Israel. Of 83,705 donors listed in the Hadassah Bone Marrow Registry, 81 individuals with known origin carried HLA-B*15:02. Among them, 66 were Jews of India-Cochin descent. Of the Cochin Jewish donors, 12.7% were B*15:02 carriers. Otherwise, HLA-B*15:02 and HLA-A*31:01 carrier rate was similar to those reported in other countries. Based on these data, Cochin Jews should be typed for HLA-B before treatment with carbamazepine or phenytoin.
<table>
<thead>
<tr>
<th>Page</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>1729</td>
<td>Visible and invisible seizure symptoms</td>
<td>Peter Wolf and Sándor Beniczky</td>
</tr>
<tr>
<td>1729</td>
<td>Neurological Disorders Depression</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Neurological Disorders Depression Inventory-Epilepsy for Youth:</td>
<td>Dejan Stevanovic</td>
</tr>
<tr>
<td></td>
<td>Developed for epilepsy, but is it epilepsy-specific?</td>
<td></td>
</tr>
<tr>
<td>1730</td>
<td>In response: Neurological Disorders Depression Inventory-Epilepsy for</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Youth</td>
<td>Janelle L. Wagner and Gigi Smith</td>
</tr>
<tr>
<td>1731</td>
<td>Comment on falling status epilepticus mortality rates in England and</td>
<td>Marije van der Lende, Sharon Shmuely, and Roland D. Thijs</td>
</tr>
<tr>
<td></td>
<td>Wales: 2001–2013</td>
<td></td>
</tr>
<tr>
<td>1732</td>
<td>In response: Comment on falling status epilepticus mortality rates in</td>
<td>Aidan Neligan and Matthew C. Walker</td>
</tr>
<tr>
<td></td>
<td>England and Wales: 2001–2013</td>
<td></td>
</tr>
<tr>
<td>1733</td>
<td>Announcements</td>
<td></td>
</tr>
</tbody>
</table>