

# TABLE OF CONTENTS

Volume 2, Number 2, June 2017

## INVITED COMMENTARY

121

### **Improving clinical trial efficiency: Is technology the answer?**

Jacqueline A. French

doi: 10.1002/epi4.12042; Published online: February 21, 2017

## CRITICAL REVIEWS

123

### **Management of post-traumatic epilepsy: An evidence review over the last 5 years and future directions**

Loretta Piccenna, Graeme Shears and Terence J. O'Brien

doi: 10.1002/epi4.12049; Published online: March 17, 2017

145

### **Onchocerciasis-associated epilepsy: From recent epidemiological and clinical findings to policy implications**

Robert Colebunders, Alfred K. Njamnshi, Marieke van Oijen, Deby Mukendi, Jean Marie Kashama, Michel Mandro, Nolbert Gumisiriza, Pierre-Marie Preux, Patrick Suykerbuyk and Richard Idro

doi: 10.1002/epi4.12054; Published online: April 26, 2017

## SPECIAL REPORT

153

### **Defeating epilepsy: A global public health commitment**

Shekhar Saxena and Shichuo Li

doi: 10.1002/epi4.12010; Published online: March 22, 2017

## FULL-LENGTH ORIGINAL RESEARCH

156

### **Simulating clinical trials with and without intracranial EEG data**

Daniel M. Goldenholz, Joseph J. Tharayil, Rubin Kuzniecky, Philippa Karoly, William H. Theodore and Mark J. Cook

doi: 10.1002/epi4.12038; Published online: January 18, 2017

# TABLE OF CONTENTS

Volume 2, Number 2, June 2017

## FULL-LENGTH ORIGINAL RESEARCH

**162**

### **Seven tesla MRI improves detection of focal cortical dysplasia in patients with refractory focal epilepsy**

Tim J. Veersema, Cyrille H. Ferrier, Pieter van Eijsden, Peter H. Gosselaar, Eleonora Aronica, Fredy Visser, Jaco M. Zwanenburg, Gerard A. P. de Kort, Jeroen Hendrikse, Peter R. Luijten and Kees P. J. Braun  
doi: 10.1002/epi4.12041; Published online: February 10, 2017

**172**

### **Effective withdrawal of antiepileptic drugs in premonitoring admission to capture seizures during limited video-EEG monitoring**

Kota Kagawa, Koji Iida, Shiro Baba, Akira Hashizume, Masaya Katagiri, Kaoru Kurisu and Hiroshi Otsubo  
doi: 10.1002/epi4.12047; Published online: March 2, 2017

**180**

### **The intrahippocampal kainate mouse model of mesial temporal lobe epilepsy: Lack of electrographic seizure-like events in sham controls**

Friederike Twele, Alina Schidlitzki, Kathrin Töllner and Wolfgang Löscher  
doi: 10.1002/epi4.12044; Published online: February 23, 2017

**188**

### **Adverse perinatal events, treatment gap, and positive family history linked to the high burden of active convulsive epilepsy in Uganda: A population-based study**

Angelina Kakooza-Mwesige, Donald Ndyomugenyi, George Pariyo, Stefan Swartling Peterson, Paul Michael Waiswa, Edward Galiwango, Eddie Chengo, Rachael Odhiambo, Derrick Ssewanyana, Christian Bottomley, Anthony K. Ngugi, Charles R. J. C. Newton, and on behalf of the SEEDS Writing Group  
doi: 10.1002/epi4.12048; Published online: March 13, 2017

**199**

### **Understanding the burden of focal epilepsy as a function of seizure frequency in the United States, Europe, and Brazil**

Shaloo Gupta, Philippe Ryvlin, Edward Faught, Wan T. Song and Patrick Kwan  
doi: 10.1002/epi4.12050; Published online: March 27, 2017

**214**

### **Decreased functional connectivity within a language subnetwork in benign epilepsy with centrotemporal spikes**

Colm J. McGinnity, Anna B. Smith, Siti N. Yaakub, Sofia Weidenbach Gerbase, Anya Gammerman, Adam L. Tyson, Tiffany K. Bell, Marwa Elmasri, Gareth J. Barker, Mark P. Richardson and Deb K. Pal  
doi: 10.1002/epi4.12051; Published online: April 27, 2017

**226**

### **Magnitude and factors associated with nonadherence to antiepileptic drug treatment in Africa: A cross-sectional multisite study**

Fredrick Ibinda, Peter Odermatt, Symon M. Kariuki, Angelina Kakooza-Mwesige, Ryan G. Wagner, Seth Owusu-Agyei, Honorati Masanja, Anthony K. Ngugi, Caroline K. Mbuba, Victor C. K. Doku, Brian G. Neville, Josemir W. Sander, Charles R. J. C. Newton and on behalf of the SEEDS writing group  
doi: 10.1002/epi4.12052; Published online: March 30, 2017

# TABLE OF CONTENTS

Volume 2, Number 2, June 2017

---

## FULL-LENGTH ORIGINAL RESEARCH

**236**

### **Gene panel analysis for nonsyndromic cryptogenic neonatal/infantile epileptic encephalopathy**

Cheuk-Wing Fung, Anna Ka-Yee Kwong and Virginia Chun-Nei Wong

doi: 10.1002/epi4.12055; Published online: May 4, 2017

**244**

### **Copy number variation in a hospital-based cohort of children with epilepsy**

Danique R. M. Vlaskamp, Petra M. C. Callenbach, Patrick Rump, Lucia A. A. Giannini, Trijnie Dijkhuizen, Oebele F. Brouwer and Conny M. A. van Ravenswaaij-Arts

doi: 10.1002/epi4.12057; Published online: May 8, 2017

---

## SHORT RESEARCH ARTICLES

**255**

### **Frequent sleep-related bitemporal focal seizures in transient epileptic amnesia syndrome: Evidence from ictal video-EEG**

David B. Burkholder, Amy L. Jones, David T. Jones, Rachel R. Fabris, Jeffrey W. Britton, Terrence D. Lagerlund, Elson L. So, Gregory D. Cascino, Gregory A. Worrell, Cheolsu Shin and Erik K. St. Louis

doi: 10.1002/epi4.12040; Published online: February 7, 2017

**260**

### **Complex observation of scalp fast (40–150 Hz) oscillations in West syndrome and related disorders with structural brain pathology**

Katsuhiro Kobayashi, Fumika Endoh, Takashi Agari, Tomoyuki Akiyama, Mari Akiyama, Yumiko Hayashi, Takashi Shibata, Yoshiyuki Hanaoka, Makio Oka, Harumi Yoshinaga and Isao Date

doi: 10.1002/epi4.12043; Published online: February 21, 2017

**267**

### **High-frequency oscillations detected in ECoG recordings correlate with cavernous malformation and seizure-free outcome in a child with focal epilepsy: A case report**

Su Liu, Michael M. Quach, Daniel J. Curry, Monika Ummat, Elaine Seto and Nuri F. Ince

doi: 10.1002/epi4.12056; Published online: May 22, 2017

---

## CASE REPORT

**273**

### **DRESS syndrome: A case of cross-reactivity with lacosamide?**

Man Kei Fong and Bun Sheng

doi: 10.1002/epi4.12053; Published online: April 28, 2017

---

## OPEN MATTERS

**276**

**Announcements**