

Volume 144 • Number 3 • September 2016

The Indian Journal of Medical Research

▶ Full text online at www.ijmr.org.in

▶ Submit online : <http://www.journalonweb.com/ijmr>



Indian Council of Medical Research
New Delhi

Medknow

Indian J Med Res 144, September 2016, pp 307-490

Contents	<i>Pages</i>
Editorials	
Erectile dysfunction: A present day coronary disease risk equivalent <i>Rohit Kapoor & Aditya Kapoor</i> DOI: 10.4103/0971-5916.198669	... 307
Predictors of mortality in chronic rheumatic heart disease <i>K. K. Talwar & Abhinit Gupta</i> DOI: 10.4103/0971-5916.198672	... 311
Commentaries	
Polymorphism of p53 in cancer prognosis <i>Radhakrishna Madhavan Pillai & S. Asha Nair</i> DOI: 10.4103/0971-5916.198683	... 314
Early natural menopause – a marker of adverse life situations in women across the world: Not unique in Indian women <i>Rita Isaac</i> DOI: 10.4103/0971-5916.198680	... 317
Review Articles	
Neurocysticercosis: Diagnostic problems & current therapeutic strategies <i>Vedantam Rajshekhar</i> DOI: 10.4103/0971-5916.198686	... 319
A review on detection methods used for foodborne pathogens <i>Priyanka B., Rajashekhar K. Patil & Sulatha Dwarakanath</i> DOI: 10.4103/0971-5916.198677	... 327
Cartilage tissue engineering: Role of mesenchymal stem cells along with growth factors & scaffolds <i>M. B. Gugjoo, Amarpal, G. T. Sharma, H. P. Aithal & P. Kinjavdekar</i> DOI: 10.4103/0971-5916.198724	... 339
Systematic Review	
Amitraz, an underrecognized poison: A systematic review <i>Sahajal Dhooria & Ritesh Agarwal</i> DOI: 10.4103/0971-5916.198723	... 348
Original Articles	
Effect of p53 codon 72 polymorphism on the survival outcome in advanced stage cervical cancer patients in India <i>Akanksha Bansal, Poulami Das, Sadhana Kannan, Umesh Mahantshetty & Rita Mulherkar</i> DOI: 10.4103/0971-5916.198685	... 359
Natural menopause among women below 50 years in India: A population-based study <i>Saseendran Pallikadavath., Reuben Ogollah, Abhishek Singh, Tara Dean, Ann Dewey & William Stones</i> DOI: 10.4103/0971-5916.198676	... 366
Exploring the bio-behavioural link between stress, allostatic load & micronutrient status: A cross-sectional study among adolescent boys <i>Little Flower Augustine, Krishnapillai Madhavan Nair, Sylvia Fernandez Rao, Mendu Vishnu Vardhana Rao, Punjal Ravinder & Avula Laxmaiah</i> DOI: 10.4103/0971-5916.198675	... 378

Indian J Med Res 144, October 2016, pp 491-640

Contents	Pages
Editorials	
Dignity in mental health practice & research: Time to unite on innovation, outreach & education <i>Douglas Ziedonis, Celine Larkin & Raghu Appasani</i> DOI: 10.4103/0971-5916.200885	... 491
Dignity & first aid in mental health <i>Rajesh Sagar & Sathya Prakash</i> DOI: 10.4103/0971-5916.200883	... 496
Commentary	
Uniform multidrug therapy for leprosy – time for a rethink? <i>Paul R. Saunderson</i> DOI: 10.4103/0971-5916.200884	... 499
Perspective	
Rational use of medicines: Cost consideration & way forward <i>Nilima A. Kshirsagar</i> DOI: 10.4103/0971-5916.200901	... 502
Review Articles	
Fats & fatty acids in Indian diets: Time for serious introspection <i>Indu Mani & Anura V. Kurpad</i> DOI: 10.4103/0971-5916.200904	... 507
Apoptosis, autophagy & endoplasmic reticulum stress in diabetes mellitus <i>Levent Demirtas, Aydin Guclu, Fatih Mehmet Erdur, Emin Murat Akbas, Adalet Ozcicek, Didem Onk & Kultigin Turkmen</i> DOI: 10.4103/0971-5916.200887	... 515
Original Articles	
International open trial of uniform multidrug therapy regimen for leprosy patients: Findings & implications for national leprosy programmes <i>Ponnaiah Manickam, Sanjay M. Mehendale, Bathyala Nagaraju, Kiran Katoch, Abdul Jamesh, Ramalingam Kutaiyan, Shen Jianping, Shivakumar Mugudalabetta, Vitthal Jadhav, Prabu Rajkumar, Jayasree Padma, Kanagasabai Kaliaperumal, Vijayakumar Pannikar, Padabettu Krishnamurthy & Mohan D. Gupte</i> DOI: 10.4103/0971-5916.200888	... 525
Observation on frequency & clinico-pathological significance of various cytogenetic risk groups in multiple myeloma: an experience from India <i>Pratibha S. Kadam Amare, Hemani Jain, Shraddha Nikalje, Manju Sengar, Hari Menon, Nitin Inamdar, P. G. Subramanian, Sumeet Gujral, Tanuja Shet, Sridhar Epari & Reena Nair</i> DOI: 10.4103/0971-5916.200890	... 536
Morphological spectrum of mediastinal lesions with special emphasis on evaluation of needle biopsy: An experience from a tertiary care hospital <i>Riti Aggarwal, Seema Rao, Prem Chopra, Sunita Bhalla, C. L. Vijay, Belal Bin Asaf & Arvind Kumar</i> DOI: 10.4103/0971-5916.200903	... 544

Indian J Med Res 144, November 2016, pp 641-788

Contents	<i>Pages</i>
Editorials	
Childhood diabetes mellitus: Advances & challenges <i>Ram K. Menon, Inas H. Thomas & Mark A. Sperling</i> DOI: 10.4103/ijmr.IJMR_1768_16	... 641
Macronutrient intake, insulin secretion, oxidative stress & inflammation: Clinico-pathological implications <i>Paresh Dandona, Husam Ghanim, Ajay Chaudhuri & Priya Mohanty</i> DOI: 10.4103/ijmr.IJMR_1807_16	... 645
Commentaries	
Understanding of skeletal deformities in Parkinson's disease <i>Jong Sam Baik</i> DOI: 10.4103/ijmr.IJMR_1166_16	... 650
Need for power in genetic explorations of alcoholism in India <i>Ashok Mysore V.</i> DOI: 10.4103/ijmr.IJMR_1520_16	... 653
Review Articles	
Epilepsy: Is there hope? <i>Carlos A. M. Guerreiro</i> DOI: 10.4103/ijmr.IJMR_1051_16	... 657
Current status of <i>Mycobacterium avium</i> subspecies <i>paratuberculosis</i> infection in animals & humans in India: What needs to be done? <i>Ajay Vir Singh, Devendra Singh Chauhan, Shoor Vir Singh, Vijay Kumar, Abhinendra Singh, Anjali Yadav & Virendra Singh Yadav</i> DOI: 10.4103/ijmr.IJMR_1401_14	... 661
Systematic Review	
Pioglitazone utilization, efficacy & safety in Indian type 2 diabetic patients: A systematic review & comparison with European Medicines Agency Assessment Report <i>Sarayu A. Pai & Nilima A. Kshirsagar</i> DOI: 10.4103/ijmr.IJMR_650_15	... 672
Original Articles	
Assessment of striatal & postural deformities in patients with Parkinson's disease <i>Sanjay Pandey & Hitesh Kumar</i> DOI: 10.4103/ijmr.IJMR_502_15	... 682
Candidate genes for alcohol dependence: A genetic association study from India <i>Savita Malhotra, Debasish Basu, Madhu Khullar, Abhishek Ghosh & Neera Chugh</i> DOI: 10.4103/ijmr.IJMR_1018_14	... 689
Comparative study of clozapine versus risperidone in treatment-naive, first-episode schizophrenia: A pilot study <i>Sukhtej Sahni, B. S. Chavan, Ajeet Sidana, Priyanka Kalra & Gurjit Kaur</i> DOI: 10.4103/ijmr.IJMR_279_15	... 697
Prevalence & correlates of tobacco use among adolescents in Kerala, India <i>T. S. Jaisoorya, K. V. Beena, M. Beena, Dalia C. Jose, K. Ellangovan, K. Thennarasu & Vivek Benegal</i> DOI: 10.4103/ijmr.IJMR_1873_14	... 704

Indian J Med Res 144, December 2016, pp 789-968

Contents	<i>Pages</i>
Editorial	
Eliminating HIV & AIDS in India: A roadmap to zero new HIV infections, zero discrimination & zero AIDS-related deaths <i>Riya Palchaudhuri, Max Niggel & Clovis Steve Palmer</i> DOI: 10.4103/ijmr.IJMR_1902_16	... 789
Commentaries	
Role of decidual natural killer cells & macrophages in pre-eclampsia <i>Pranab Dey</i> DOI: 10.4103/ijmr.IJMR_863_16	... 793
Insights into <i>in vitro</i> environments for human cartilage tissue engineering <i>Samuel J. K. Abraham & Hiroshi Yoshioka</i> DOI: 10.4103/ijmr.IJMR_1237_16	... 796
Perspective	
Is elimination of kala-azar feasible by 2017? <i>C.P. Thakur</i> DOI: 10.4103/ijmr.IJMR_335_16	... 799
Review Articles	
Ketoprofen-induced photoallergic dermatitis <i>Tiffany Yvonne Loh & Philip R. Cohen</i> DOI: 10.4103/ijmr.IJMR_626_16	... 803
Diagnostic & prognostic role of microRNAs in paediatric acute myeloid leukaemia <i>Sachin Kumar & Sameer Bakhshi</i> DOI: 10.4103/ijmr.IJMR_220_15	... 807
Respiratory sinus arrhythmia as a non-invasive index of 'brain-heart' interaction in stress <i>Ingrid Tonhajzerova, Michal Mestanik, Andrea Mestanikova & Alexander Jurko</i> DOI: 10.4103/ijmr.IJMR_1447_14	... 815
Original Articles	
Number of decidual natural killer cells & macrophages in pre-eclampsia <i>Jelena Milosevic-Stevanovic, Miljan Krstic, Dragana Radovic-Janosevic, Jasmina Popovic, Marija Tasic & Slavica Stojnev</i> DOI: 10.4103/ijmr.IJMR_776_15	... 823
Bone marrow extract as a growth supplement for human iliac apophyseal chondrocyte culture <i>Balasubramanian Balakumar, Karthikeyan Rajagopal & Vrisha Madhuri</i> DOI: 10.4103/ijmr.IJMR_8_15	... 831
Feeder & basic fibroblast growth factor-free culture of human embryonic stem cells: Role of conditioned medium from immortalized human feeders <i>Pooja Teotia, Shilpa Sharma, Balram Airan & Sujata Mohanty</i> DOI: 10.4103/ijmr.IJMR_424_15	... 838
Preclinical safety & toxicity evaluation of pooled, allogeneic human bone marrow-derived mesenchymal stromal cells <i>Mathiyazhagan Rengasamy, Pawan Kumar Gupta, Udaykumar Kolkundkar, Gurbind Singh, Sudha Balasubramanian, Swathi SundarRaj, Anoop Chullikana & Anish Sen Majumdar</i> DOI: 10.4103/ijmr.IJMR_1842_15	... 852