

In this issue

Research Article

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Groundwater quality assessment of the BDP aquifer in rural area of India

Published On: December 02, 2020 | Pages: 274 - 276

Author(s): Pinaki Ghosh*, Debashis Chatterjee* and Samir Kumar Mukherjee

Groundwater is gradually more used worldwide for domestic, industrial and agricultural production. The presence of natural Arsenic (As) release of ground water is a global issues and notably more severe in south East Asia particularly India and Bangladesh. The high occurrence of As in ground water in India and Bangladesh is a challenging public health issue because As ...

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In silico and in vitro investigations of antihelmintic activities of selected approved drugs

Published On: November 27, 2020 | Pages: 261 - 269

Author(s): Christopher Arinze Agube*, Daniel Lotanna Ajaghaku and Ikemefuna Chijioke Uzochukwu

Objective: We investigated the binding affinities of some approved drugs to Ascaris suum Mitochondrial Rhodoquinol Fumarate Reductase (MRFR), an essential enzyme for ascaris survival, and the possibility of repurposing these drugs as antihelmintic agents using in silico molecular docking and in vitro paralysis and mortality times of fifteen selected front runners. Me ...

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Implementation of a medication adherence program in senior public housing facilities utilizing pharmacists and health educators

Published On: November 05, 2020 | Pages: 250 - 253

Author(s): Kimberly Pounds, Dominique Guinn, Ivy O Poon* and Aisha Morris Moultry

Background: Hypertension and diabetes disproportionately impact people of color when compared to majority populations. Medication adherence among seniors with chronic diseases has been suboptimal with the estimation that only half of those taking antihypertensives are adherent. Therefore, the purpose of The Managing Your Medications (MY Rx) program was to evaluate the ...

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Assessment of sanitary status of food and drinks catering establishments: A descriptive observational study in south East Asmara, Eritrea, 2019

Published On: October 19, 2020 | Pages: 233 - 242

Author(s): Idris M Idris*, Samuel J Wolday, Amanuel T Ghebremariam, Habtom Kidane, Misgina Leake, Hagos Milkias and Kahsay Ghebremichael

Objective: Lack of basic infrastructure, poor practices of hygiene in food service establishments can contribute to outbreaks of foodborne illnesses. The aims of this study was to explore the sanitary conditions of food and drink catering establishment services in South East Asmara, Eritrea. Methods: A descriptive observational study was conducted among 139 food and ...

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NGO Act as Potential-Policy-Developer Social-Vaccine-COVID-19 Epidemic-Model until Discovery-of-Medical-Vaccine: Achieved Green-Socio-Economic Welfare Science Technology Innovations

Published On: October 15, 2020 | Pages: 225 - 232

Author(s): Subhas Chandra Datta*

Introduction: The epidemic-COVID-19 spreads all around the world forming total change of human civilization, health, travel, socioeconomic, education, and clinical research. It has no targeted therapeutics, and effective treatment options, remain very limited. Though the middle-and upper-classes are able to manage, but the low-income-households, the marginalized in th ...

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Prevalence of malnutrition and its associated factors among under five children at debretabor town north-west ethiopia

Published On: September 30, 2020 | Pages: 213 - 222

Author(s): Hwot Yisak* and Amien Ewunetei

Background: An estimated of 230 million under-five children are believed to be chronically malnourished in developing countries Similarly, about 54% of deaths among children of this age group are believed to be associated with malnutrition in developing countries. In Sub-Saharan Africa, 41% of under-five children are malnourished and deaths from malnutrition are incre ...

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Role of perceived spousal social support in medication adherence among hypertensive patients attending family medicine clinic in federal teaching hospital, ido-ekiti, Nigeria

Published On: September 14, 2020 | Pages: 205 - 212

Author(s): Ekundayo OO*, Elegbede OT, Gabriel-Alayode OE, Agboola SM, Shabi OM, Bello IS, Omosanya OE, Ajetunmobi OA and Fashola AM

Background: There abound many strategies to control hypertension, however, many patients still have difficulty adhering to medications and this results to poor Blood Pressure (BP) control. And because the condition requires life - long treatment, many patients need additional effort from their spouses. The spouse shares intimacy with patient and is the chief source of ...

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Blood pressure control and its associated factors among hypertensive patients in federal teaching hospital, ido- ekiti, Southwest Nigeria

Published On: August 07, 2020 | Pages: 167 - 173

Author(s): Azeez Oyemomi Ibrahim*, Tosin Anthony Agbesanwa, Olabode Muftau Shabi, Olusegun Emmanuel Omosanya, Waheed Olalekan Ismail and Olabisi Olamide Deji-Dada

Background: Hypertension is a modifiable risk factor for cardiovascular disease, stroke and renal disease worldwide. Despite improvement in treatment modality and therapeutic intervention, with proven benefits in reducing the burden of uncontrolled hypertension, majority of peoples' blood pressure still remain uncontrolled. Aim: To assess the patterns of blood press ...

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Health Care Reform in China - A Rural Rehabilitation Service Station

Published On: August 03, 2020 | Pages: 162 - 166

Author(s): HL Qin, JG Ma, F Li, PS Mak, L Jieh and Ping-Chung Leung*

A Rural Rehabilitation Service Station – an experimental model catered for elderlies and mildly disabled people is being established in a village near Xian, Shanxi Province. A non-government charity organization registered in Xian is responsible for the establishment. It has organized a team of Rural Medical Workers, Therapists, Traditional Chinese Medicine Doctors an ...

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Epidemiology and diagnosis of attention deficit hyperactivity disorder in the Arab and Jewish populations in Israel

Published On: July 28, 2020 | Pages: 152 - 158

Author(s): Lutfi Jaber*, Nasrin Hamed, Ephraim S Grossman and Itai Berger

Aims: The aims of our study were to understand the factors shaping the gap in the literature concerning the Israeli Arab population, and to enhance the knowledge of Attention Deficit Hyperactivity Disorder (ADHD) among this population, and provide information to health professionals. Methods: Retrospective data was collected from medical records in outpatient

clinic ...

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A survey of hand hygiene knowledge, attitude and practices among health care workers in a tertiary hospital, Southwestern Nigeria

Published On: July 27, 2020 | Pages: 146 - 151

Author(s): RD Agbana, SP Ogundeji and JS Owoseni*

Background: Improper hand hygiene practices among Healthcare Providers (HCPs) are a common risk factor for and interventions to improve hygiene have proven to be effective strategy in reducing nosocomial infection. Hand hygiene has been described as the single most important, simplest and least expensive means of preventing nosocomial infections.

Aim/Objectives: The ...

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The impact of the COVID-19 pandemic on quality of life and well-being in Morocco

Published On: July 10, 2020 | Pages: 130 - 134

Author(s): Samlani Z, Lemfadli Y*, Ait Errami A, Oubaha S and Krati K

Introduction: The majority of epidemiological reports focus on confirmed cases of COVID-19. In this study, we aim to assess the health and well-being of adults not infected with Covid-19 after two months of quarantine in Morocco.

Materials and methods: Two months after the declaration of quarantine in Morocco following the Covid-19 epidemic, we carried out a descript ...

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Recommendations for management strategies for children with inflammatory bowel disease during the epidemic of new coronavirus (COVID-19) infection

Published On: July 01, 2020 | Pages: 110 - 114

Author(s): Ran Ao, Wen-Wen Kong, Xiao Deng, Shao-Ming Zhou and Zhao-Xia Wang*

The novel Coronavirus, COVID-19, is highly infectious is mainly transmitted from an infected person through liquid droplets. Most patients have a good prognosis, a few patients are in critical condition. Children's infections are relatively mild, without fever and pneumonia and since they have the characteristics of clustering onset, they are easy to miss diagnosis an ...

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Review Article

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Proposing a framework for prioritising topics for Personal Health Education in Schools, to improve public and community health, to teach acute medical conditions experienced in later childhood?q

Published On: November 18, 2020 | Pages: 254 - 256

Author(s): Charles EMS Green, David A Winters*, Ashley K Mehmi and James SA Green

Interest in Public Health related to school children has undergone revitalisation in the UK in recent years as stronger associations have been made between behavioural patterns initiated or that develop during childhood and the resulting health outcomes in later life [1]. This together with the rising cost of healthcare [2] has led to a further concentration on preven ...

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Coronavirus disease (covid-19) and public health issues in developing countries- focus on biomedical waste management

Published On: November 02, 2020 | Pages: 246 - 249

Author(s): Kuljeet Singh Anand*, Bhuwan Sharma, Rakesh Kumar Mahajan, Sanjeet Panesar and Prachi Dubey
India as a 2nd largest populous country with a high population density with lack of awareness, burden of neglected tropical diseases and a rising prevalence of non communicable diseases, have overburdened health infrastructure. In such conditions Covid-19 pandemic is stretching the health system to its limit. Most of population is a daily wagger; unawareness is there a ...

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nCOVID-19: Its diagnosis, possible preventive measures, therapeutic interventions and management

Published On: July 08, 2020 | Pages: 115 - 129

Author(s): Mrinal Kanti Poddar* and Apala Chakraborty

Novel coronavirus (nCOVID-19) is a current global threat causing severe infections to millions of people throughout the world. WHO has reported in their case-based surveillance that the aged and male populations are most vulnerable to this recent coronavirus infection. This disease-causing virus, named as SARS-CoV-2, is a respiratory coronavirus that probably originat ...

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Short Communication

Priority areas for Bangladesh: Roadmap to 2041 as Developed Country

Published On: December 02, 2020 | Pages: 277 - 280

Author(s): Taha Husain* and Kamruzzaman

Vision 2041, which is a continuation of vision 2021, has been embraced by the government of Bangladesh and aims to

carry the country to the path of development Bangabandhu dreamed of. The government of Bangladesh has already introduced the 2021-2041 Perspective Plan (PP2041). The key aim of Vision 2041 is to eradicate extreme poverty, achieve the Upper Middle Class by ...

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The future of elder care in Italy in COVID-19 pandemic times: Socio-economic considerations

Published On: October 29, 2020 | Pages: 243 - 245

Author(s): Chiara Bugari*and Giovanni Lamura

Target: Following the Covid-19 pandemic, the category of elderly people, in particular those who are not self-sufficient, is among those most affected in Italy. It is therefore urgent to identify innovative methods of support, in order to ensure a better quality of life in such a complex period from an epidemiological but also a socio-economic point of view. At the ce ...

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Amendments to the WHO Interim Guidance on Preventing COVID-19 Outbreak in Prisons: Remarks from Germany

Published On: September 10, 2020 | Pages: 202 - 204

Author(s): Karlheinz Keppler, Babak Moazen* and Heino Stöver

Background: Globally, at any given time over 11 million people are held behind bars, while turnover of prisoners may reach up to 30 million. Evidence leaves no doubt that inmates are at a greater risk of acquiring influenza family viruses. This issue highlights the importance of paying extra attention to this vulnerable population. Purpose: The World Health Organiza ...

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Inosine Pranobex (IP) - possibilities of its use in the treatment of COVID19

Published On: September 01, 2020 | Pages: 200 - 201

Author(s): Svetozár Dluholucký*

The finding that enzymes of purine metabolism interfere to the regulation of immune events is known from the findings of Giblett, et al. [1], that Adenosine Deaminase (ADA) deficiency leads to Severe Combined Immunodeficiency (SCID), The same author described in 1975 case of T-immune deficiency caused by a deficiency of another purine metabolism enzyme - Purine Nucl ...

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Flu vaccination in children. The pleasant surprise of an indirect positive effect

Published On: August 29, 2020 | Pages: 196 - 197

Author(s): Gaetano Bottaro*, Giuseppe Bottaro, Filippo Di Forti and Mara Nicosia

Influenza or flu is an infectious disease affecting the upper and lower respiratory tract. It has a high frequency in children, making them a specific target [1,2]. Flu is a serious public health problem and results into very high human and socio-health costs [3]. Seasonal flu epidemics are predictable and, most of all, entirely preventable through vaccination, which ...

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Social-oriented, evidence-based Covid-19 prevention using GIS

Published On: August 13, 2020 | Pages: 176 - 178

Author(s): Olaf C Jensen*

Some provinces in Panama with low Covid-19 infection rates are now being released for quarantine. The question is whether part of the cities can also be released gradually using scientific, epidemiological calculations of the area-specific risk of infection, disease and death [1,2]. Covid-19 can be characterized as a natural experiment caused by forces beyond the cont ...

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Increasing the effectiveness of Virtual Learning during COVID-19

Published On: August 11, 2020 | Pages: 174 - 175

Author(s): Mahdiah Motie, Reza Dehnavieh and Khalil Kalavani*

In recent decades we have seen a huge growth in higher education around the world. But the prevalence of COVID-19 put many problems in the school and universities and put them in serious challenges in various aspects of management [1]. Now the different methods that improve the learning process, gained interest in the many universities [2]. ...

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Child sexual abuse: Listening to the victims

Published On: July 11, 2020 | Pages: 135 - 137

Author(s): Margarita Ortiz-Tallo* and Isabel Calvo

Child Sexual Abuse (CSA) is a global public health concern. We present real testimonies of adults recalling their childhood, clinical reflections and scientific research data. Patients' testimonies bring professionals closer to understanding their painful reality. All testimonies are from women who gave their consent to use their statement. Doctors and health profes ...

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Editorial

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Hospital at home, an innovative approach in geriatric care during the COVID-19 Pandemic

Published On: December 29, 2020 | Pages: 281 - 282

Author(s): MD. Abu Bashar*

The COVID-19 pandemic has profoundly affected the elderly people (those aged 60 years or above as per the definition by the World Health Organization) who are found to have higher rates of infection and poorer health outcomes in this pandemic compared to other age groups [1,2]. Nevertheless, elderly adults, despite having a wide range of chronic illnesses, are experie ...

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Commentary

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COVID-19 pandemic wave: A global struggle and ways to control

Published On: August 20, 2020 | Pages: 179 - 185

Author(s): Asem Surindro Singh* and Machathoibi Chanu Takhellambam

COVID-19 is currently world's most dangerous disease. According to the latest worldometer data, COVID-19 has infected almost 22 million people living across the world, since its outbreak in January 2020. Out of the 22 million, 0.77 million had died and over 14 million have recovered; and more than 64 thousands of people are living at critical condition. It has greatly ...

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Mini Review

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COVID 2019 asymptomatic infections across the World- can it be a Time Bomb for Future Pandemic Recurrence? A Systematic Review of surveillance strategies

Published On: August 29, 2020 | Pages: 186 - 195

Author(s): Sanjeev Davey*, Rajesh Jain and Anuradha Davey

Background: Covid 2019 Infection can be considered a disease typically following Ice berg Phenomenon, where actual large no of submerged cases are inside and can become threat to human beings as immunity development to SARS –CoV-2 cannot be forever. Studies across the World have suggested that out of many important research questions- the problem of asymptomatic and p ...

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The role of volunteers in the radiology department of wuhan leishenshan hospital: A mini review from a single study center

Published On: July 30, 2020 | Pages: 159 - 161

Author(s): Jinxiang Hu and Ming Deng*

This retrospective report, detailed the volunteer work of the radiology department in Wuhan Leishenshan Hospital at the COVID-19 epidemic period. Under the background of the lack of medical staff, we pointed out that the special hospital is not restricted in one pattern, and, which has laid a solid foundation for the effective development of the medical treatment.

Dur ...

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Dysarthria: Definition, clinical contexts, neurobiological profiles and clinical treatments

Published On: July 21, 2020 | Pages: 142 - 145

Author(s): Giulio Perrotta*

Starting from the general concept of Dysarthria, the present work focuses on the clinical, neurobiological, and functional aspects of the morbid condition, suggesting a multidimensional treatment between physiotherapy, psychotherapy, and rehabilitation exercises for lost skills. ...

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Povidone Iodine (PVP-I) mouth gargle/nasal spray may be the simplest and cost effective therapeutic antidote for COVID-19 Frontier

Published On: July 21, 2020 | Pages: 138 - 141

Author(s): Ibrahim Khalil and Parometa Barma*

Need an effective protocol for health workers against dangerous and unpredictable SARS CoV-2, a RNA lipid bi-layer enveloped beta-coronaviruses which contains Hemagglutinin Esterase (HE) protein binds with human gene through Angiotensin-Converting-Enzyme 2 (ACE2) and CD147 receptor. Povidone-iodine (PVP-I) has effective virucidal activity by

those receptors inhibition ...

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Opinion

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Suggestion of Terminology in COVID-19

Published On: October 06, 2020 | Pages: 223 - 224

Author(s): Li Liu and Yumin Huang-Link*

Scientists and medical doctors have been contributing largely to identify novel coronavirus 2 as the cause of the severe acute respiratory syndrome (SARS-COV-2) which emerged in large numbers of infected people in Wuhan City since Dec. 2019 [1-3]. Scientists quickly sequenced SARS-COV-2 and shared their knowledge with the world [3,4]. Searching for vaccine and specifi ...

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Why should everybody learn Last Aid to provide end-of-life care?

Published On: September 01, 2020 | Pages: 198 - 199

Author(s): Georg Bollig* and Erika Zelko

Today most people would like to die at home [1]. Although the majority of people would prefer to die at home most people die in institutions as hospitals or nursing homes [2-5]. Main barriers for home death are present problems like breathlessness and most important lack of relatives. From our experience in palliative care relatives are often afraid to take care of dy ...

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Observational Study

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The Prevalence of Left ventricular hypertrophy as a feature of Hypertensive Heart Disease in A Tertiary Hospital in Tanzania: An Echocardiographic Registry Study

Published On: November 28, 2020 | Pages: 270 - 273

Author(s): Henry Anselmo Mayala*, Delila Kimambo, Engerasiya Julius Kifai, Siza J Ngomero, Abuu Abdallah Dalidali, Paskal Elia Kondi, Gerson Imael Mpondo, Saada A Salum, Pedro Pallangyo and Mohamed Janabi

Objective: Echocardiography is a useful noninvasive tool for the diagnosis and evaluation of cardiac diseases. This study aims to share our 3 months' experience in our echo lab as well as the scope of clinical cases diagnosed at our institute.

Methods: This is a cross-sectional observational study conducted at the Jakaya Kikwete Cardiac Institute, in Dar-es-salaam, T ...

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