Agenda

ESMED
General
Assembly

4-6 August
Online



Introduction

We are excited to welcome you to the 2022 General Assembly of the European Society of Medicine, which will take place on August 4-6, 2022.

The ESMED General Assembly is an assembly like no other: cutting-edge research, world-renowned speakers, and the opportunity to exchange knowledge with scientists from across the globe. Our goal is to deliver an exceptional scientific program which inspires and challenges participants to reach their next great discovery.

As in previous years, the 2022 General Assembly will be a truly international meeting. In 2021 we welcomed delegates from 30 countries within and beyond Europe, bringing together some of the greatest minds to present new ideas and perspectives in an unforgettable three-day experience. In addition to sharing the latest developments in medicine, the assembly will be continuing the tradition of serving as an opportunity to shape public health policies and tackle major challenges in medicine.

We extend you our warmest welcome to join us.

Assembly format

This year's assembly will consist of a collection of over 400 pre-recorded presentation videos which can be played on-demand during and after the assembly, a live online Q&A session for each subject, and three live online panel discussions.

How to access the assembly

An email with access links will be sent out in early August. Please remember to check your spam folder if you do not receive it.

For the best viewing experience, it is recommended to join using a computer or tablet. Mobile device performance is not guaranteed.

Schedule

All times are CET (UTC+1). Please remember to convert to your time zone.

Day 1 – August 4

Q&A Sessions

| 14:00 | Nutrition |
|-------|---------------------------------|
| 14:15 | Nursing & Healthcare Management |
| 14:30 | Osteoarthritis |
| 14:40 | Mental Health |
| 14:50 | Public Health |
| 15:00 | Pulmonology |
| 15:10 | Rehabilitation |
| 15:20 | COVID-19 |

| Panel Discussion | | Arndt Büessing, Chair of Medical Theory |
|------------------|----------|--|
| 19:00 | COVID-19 | Dana Devine, Chief Medical & Scientific Officer, Canadian Blood Services |
| | | Pei Sun, Tsinghua Laboratory for Brain and Intelligence |

Day 2 – August 5

Q&A Sessions

| 14:00 | Surgery |
|-------|--------------------------|
| 14:30 | Dermatology |
| 14:40 | Biomarkers |
| 14:45 | Pharmacology |
| 15:40 | Dentistry |
| 15:50 | Hematology |
| 16:00 | Hepatology |
| 16:10 | Diabetes |
| 16:30 | Endocrinology |
| 16:40 | Immunology |
| 16:50 | Infectious Disease |
| 17:10 | Epilepsy |
| 17:20 | Neurology & Neuroscience |

Panel Discussion

19:00 Neuroscience Hong Jiang, Assistant Professor of Clinical Neuro-ophthalmology Gregory Owens, University of Colorado Denver

Day 3 – August 6

Q&A Sessions

| 14:00 | Genetics |
|-------|-------------------|
| 14:15 | Medical Education |
| 14:20 | Biology |
| 14:30 | Neonatology |
| 14:35 | Nephrology |
| 14:45 | Internal Medicine |
| 14:55 | Oncology |
| 16:05 | Ophthalmology |
| 16:15 | Pediatrics |
| 17:30 | Cardiology |

Panel Discussion

19:00 Cardiology Linda May, Interim Chair of Foundational Sciences Arthur Jay Siegel, Massachusetts General Hospital

Listing of Presentations

Alphabetically by session name

| Session | Name | Presentation Title |
|------------|----------------------|--|
| Biology | Jan Slingenbergh | Towards a Periodic Table Equivalent for Animal Viruses |
| Biology | Xu Han | Biocompatible Cryopreservation of Blood, Corneas and Skin Grafts |
| Biology | David Li | The Transcription factor CREB mediates stress response in the eye through regulation of alphaB-crystallin and P300-p53-Bak/Bax signal axis |
| Biology | Hong Xue | Recent Advances in Molecular Biology and Their Impact on Medicine |
| Biology | Vu Truong | Stabilization of Live Attenuated Influenza Vaccines by Freeze Drying, Spray Drying, and Foam Drying |
| Biology | Tom Wilkinson | Host and bacterial biomarkers to predict bacteraemia |
| Biology | Umid Akbarov | Metabolite profiling and mechanisms of bioactivity of snake autolysate - A traditional Uzbek medicine |
| Biology | Vittoria Raffa | Magnetic nano-pulling: a new methodology for exploring the role of force as a messanger of axonal growth |
| Biology | Alissa Drees | Selection of Aptamers with antibacterial activity |
| Biology | Michael Kolbe | Reverse Epitomics: A Novel Approach With Applications To Design Vaccines And Diagnostic Kits |
| Biology | Lorenzo Massimi, | New Insights for the Assessment of Particulate Matter Ability to Induce Oxidative Stress in Living Organisms |
| Biology | Igor Goryanin | passive microwave radiometry in biomedical studies |
| Biomarkers | Vicente Zanón Moreno | Effects of polymorphisms in vitamin E- |
| Biomarkers | Neila Mezghani | Mechanical biomarkers of medial compartment knee osteoarthritis diagnosis and severity grading: Discovery phase |
| Biomarkers | Yu-Hong Wang | Reduced expression of the IncRNA NRON is a potential hallmark of the CMV-amplified CD8+ T cell accumulations commonly seen in older humans |

| Cardiology | Ahmad Slim Jake A Kleinmahon Vincent Figueredo Anand Rohatgi Brian O'Neil Arjun Iyer Yacov Shacham John Ikonomidis Geraldine Cambridge Richard Gore | Healthcare Policy Statement on the Utility of Coronary Computed Tomography for Evaluation of Cardiovascular Conditions and Preventive Healthcare: From the Health Policy Working Group of the Society of Cardiovascular Computed Tomogra Cardiac allograft vasculopathy and graft failure in pediatric heart transplant recipients after rejection with severe hemodynamic compromise Acupuncture-Related Cardiac Complications: A Systematic Review HDL and Cardiometabolic Disease: Where are we now? End tidal CO2 and cerebral oximetry for the prediction of return of spontaneous circulation during cardiopulmonary resuscitation Cardiac transplantation - impact and evolution of DCD donors New insights into the cardio-Renal interactions- Role of NGAL The Society of Thoracic Surgeons Thoracic Surgery Practice and Access Task Force-2019 Workforce Report |
|---|--|---|
| Cardiology Cardiology Cardiology Cardiology Cardiology Cardiology Cardiology Cardiology Cardiology | Jake A Kleinmahon Vincent Figueredo Anand Rohatgi Brian O'Neil Arjun lyer Yacov Shacham John Ikonomidis Geraldine Cambridge Richard Gore | Cardiac allograft vasculopathy and graft failure in pediatric heart transplant recipients after rejection with severe hemodynamic compromise Acupuncture-Related Cardiac Complications: A Systematic Review HDL and Cardiometabolic Disease: Where are we now? End tidal CO2 and cerebral oximetry for the prediction of return of spontaneous circulation during cardiopulmonary resuscitation Cardiac transplantation - impact and evolution of DCD donors New insights into the cardio-Renal interactions- Role of NGAL The Society of Thoracic Surgeons Thoracic Surgery Practice and Access Task Force-2019 Workforce Report |
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| cardiology | Geraldine Cambridge Richard Gore | Task Force-2019 Workforce Report |
| | Richard Gore | |
| Cardiology | | Antibodies to citrullinated peptides and risk of coronary heart disease |
| | | That liver lesion on MDCT in the oncology patient: is it important? |
| Cardiology | Zaira Yadira García López | Constrictive pericarditis and single coronary artery: Rare presentatio |
| Candialana | Law a USaha Malang | The diagnostic accuracy and outcomes after coronary computed tomography angiography vs. conventional functional testing in patients |
| Cardiology | Lene Hüche Nielsen | with stable angina pectoris: a systematic review and meta-analysis |
| Cardiology | Michael Yii | The 'down-under repair' for ischaemic mitral regurgitation |
| Cardiology | Lisa Leon | Prior viral illness increases heat stroke severity in mice |
| Cardiology | Erzsébet Valeria Hidvegi | Updated and revised normal values of aortic pulse wave velocity in children and adolescents aged 3-18 years |
| Cardiology | Margaret Ragni | Hormones and thrombosis: risk across the reproductive years and beyond |
| Cardiology | Barbara Srichai Parsia | Diagnostic Performance of Cardiac Magnetic Resonance Imaging and Echocardiography in Evaluation of Cardiac and Paracardiac Masses |
| Cardiology | Hirooki Higami | Reinforcement of the anchor balloon system in percutaneous coronary intervention: an in vitro assessment |
| Cardiology | Belen Garcia Alarcon | Sindrome velo-cardio-facial y esquizofrenia: a propósito de un caso |
| Cardiology | Risheen Reejhsinghani | What we teach: a fellow's perspective on house staff education |
| Cardiology | Alistair Royse | RARAY Operation: Operative Description and Early Results for Achieving Total Arterial Coronary Revascularisation |
| Cardiology | Lizelle Van Wyk | Agreement of Cardiac Output Measurements between Bioreactance and Transthoracic Echocardiography in Preterm Infants during the Transitional Phase: A Single-Centre |
| Cardiology | Qiang Sun | Comments on the Cerebral Edema After CPR: A Therapeutic Target Following Cardiac Arrest? |
| Cardiology | Cristiano Alessandro | Cardiovascular responses to leg muscle loading during head-down tilt at rest and after dynamic exercises |
| Cardiology | Latanja Divens | Cardiovascular Disease Management in Minority Women |
| Cardiology | Rosalba Carolina García Méndez | No reflow after Primary Angioplasty in patients with acute myocardial infarction: Role of statins |
| Cardiology | Vojko Kanic | GPIIb-IIIa Receptor Inhibitors in Acute Coronary Syndrome Patients Presenting With Cardiogenic Shock and/or After Cardiopulmonary Resuscitation |
| Cardiology | Claudia O Rodrigues | Hypoxic Stress Decreases c-Myc Protein Stability in Cardiac Progenitor Cells Inducing Quiescence and Compromising Their Proliferative and Vasculogenic Potential |

| COVID-19 | Ozlem Equils | The role of the thymus in COVID-19 disease severity: implications for antibody treatment and immunization |
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| Cardiology | Osama Loubani | systematic review of extravasation and local tissue injury from administration of vasopressors through peripheral intravenous catheters and central venous catheters |
| Cardiology | James Paxton | End tidal CO2 and cerebral oximetry for the prediction of return of spontaneous circulation during cardiopulmonary resuscitation |
| Cardiology | Ariel Escobar | Local Field Fluorescence Microscopy: Imaging Cellular Signals in Intact Hearts |
| Cardiology | Tapobrata De | Early non-invasive predictors of significant left main or triple vessel disease in patients with non-ST segment elevation acute coronary syndrome |
| Cardiology | Pollen K yeung | ATP Metabolism in RBC as Potential Therapeutic Target for Post- Exercise Hypotension and Cardiovascular Protection |
| Cardiology | Akshay Bafna | Remote ischemic preconditioning for prevention of contrast-induced nephropathy – A randomized control trial |
| Cardiology | Sara Maria Martinez-Sanchez | The effects of Bioactive peptides from Spanish dry cured ham on cardiovascular health: From in vivo to in vitro results |
| Cardiology Cardiology | Sofia Beghi Hitesh Agrawal | cardiovascular disease Clinical evaluation of anomalous aortic origin of a coronary artery (AAOCA) |
| Cardiology | Pasquale Paolisso | Multidisciplinary Approach. Gene polymorphisms in calcium-calmodulin pathway: Focus on |
| Cardiology | Arthur Jay Siegel | Aspirin Use to Reduce the Risk of Sports-Related Cardiac Arrest in High-Risk Athletes Contemporary Data in Infectious Endocarditis and Importance of a |
| сагатогову | William Alluoi | |
| Cardiology | Minodora Andor | Exploring Medical Data by Sonification. Applications in Cardiology |
| Cardiology Cardiology | Melissa Rodrigues Mariana Lydia E. Matesic | The effects of phthalates in the cardiovascular and reproductive systems: A review Defining a Role for the Ubiquitin Ligase WWP1 in Cardiac Aging |
| Cardiology | Gikenyi Nchafatso Obonyo | Therapy for the Malnourished Heart |
| Cardiology | Jitka Virag | Ephrin-Eph signaling as a potential therapeutic target for the treatment of myocardial infarction |
| Cardiology | Ana Leonor Costa Parreira | Idiopathic premature ventricular contractions from the outflow tract display an underlying substrate that can be unmasked by a type 2 Brugada electrocardiographic pattern at high right precordial leads |
| Cardiology | Harold Dowse | Melatonin increases the regularity of cardiac rhythmicity in the Drosophila heart in both wild-type and strains bearing pathogenic mutations |
| Cardiology | Chiara Mozzini | ENDOPLASMIC RETICULUM STRESS, INFLAMMATION, OXIDATIVE STRESS AND NEUTROPHIL EXTRACELLULAR TRAPS IN CARDIOVASCULAR DISEASES |
| Cardiology | Jun Teruya | Pediatric Acquired von Willebrand Disease With Berlin Heart Excor Ventricular Assist Device Support |
| Cardiology Cardiology | Daniel Stromberg Robert Peter Blankfield | congenital heart surgery: proposal for a randomized Should All Heart Failure Patients Be Treated With Sacubitril/Valsartan |
| Cardiology | Linda E May | Rate Variability Use of the cardioprotectants thymosin ?4 and dexrazoxane during |
| Cardiology | Carrie Ferguson | Biological quality control for cardiopulmonary exercise testing in multicenter clinical trials Effects of Exercise During Pregnancy on Maternal Heart Rate and Heart |
| Cardiology | Anna Wolska | cholesterol? |

| COVID-19 | Paavani Atluri | COVID-19 Encephalopathy in Adults |
|----------------------|--------------------------|---|
| COVID-19 | Nina Dalkner | The psychological response of the COVID-19 pandemic in psychiatric patients |
| COVID-19 | Khulood Alfalasi | The Effects of the COVID-19 Pandemic on Undergraduate Students' Stress and Anxiety in a University in the UAE |
| COVID-19 | Zhijun Liu | Sleep of preschoolers during the coronavirus disease 2019 (COVID-19) outbreak |
| COVID-19 | Anuradha Yadav | Teachers'Äô Perception about Flipped Classroom in Era of COVID-19 Pandemic |
| COVID-19 | Wanli Tan | School closures were over-weighted against the mitigation of COVID-19 transmission |
| COVID-19 | Satya Paul | Vulnerability and the resilience against covid-19 in India |
| COVID-19 | Lotta Oksanen | SOURCES OF HEALTHCARE WORKERS,Äô COVID,Äë19 INFECTIONS AND RELATED SAFETY GUIDELINES |
| COVID-19 | Hagiu Bogdan-Alexandru | Biochemical mechanisms by which exercise can prevent severe forms of COVID-19 - statistical evidence |
| COVID-19 | Jin-Ho Choy | Niclosamide encapsulated in mesoporous silica and geopolymer: A potential oral formulation for COVID-19 |
| COVID-19 | Birgitta Dresp-Langley | Pixel precise unsupervised detection of viral particle proliferation in cellular imaging data |
| COVID-19 | Nicolò Marchesini | How are you? A sociological perspective of Covid -19 pandemic from women scientists in Italy |
| COVID-19 | Marina Sanchez Perez | Mass testing after a single suspected or confirmed case of COVID-19 in London care homes, April–May 2020: implications for policy and practice |
| COVID-19 | Christopher Pereira | The Association Between Antibody Response to Severe Acute Respiratory Syndrome Coronavirus 2 Infection and Post–COVID-19 Syndrome in Healthcare Workers |
| COVID-19 | Vijaykumar Rajput | Looking into the future of clinical skills assessment in undergraduate medical education during the COVID-19 Pandemic |
| COVID-19 | Ahmad Sahraei Juybari | Socio-economic Changes of Cities During Covid-19, Case study: Dortmund City Center |
| COVID-19 | Rebeca Campi Caballero | Immunothrombosis in COVID-19: Implications of Neutrophil Extracellular Traps |
| COVID 10 | Sara Tomassetti | A Multidisciplinary Multicenter Study Evaluating Risk Factors, Prevalence and Characteristics of Post-COVID-19 Interstitial Lung |
| COVID-19 COVID-19 | Julia Puaschunder | Syndrome PCOILS Economic Growth in Times of Pandemics |
| COVID-19 | Lili Wang | Towards Quantitative and Standardized Serological and Neutralization Assays for COVID-19 |
| COVID-19 | Liz Obrien | Physical Activity Supporting Connection to Nature, and Helping to Maintain Wellbeing during the Covid-19 Restrictions in England |
| COVID-19 | Łucja Kobroń-Gąsiorowska | COVID-19 pandemic, censorship and Labour Law protection in Poland – selected issues |
| COVID-19 | George J. Annas | Standard Racism: Trying to Use "Crisis Standards of Care" in the COVID- 19 Pandemic |
| COVID-19 | Alex Bebin | The Impact of the COVID-19 2020 Pandemic on Hospital Length of Stay Following Fragility Hip Fracture Surgery |
| COVID-19 | Sónia Galinha | Covid-19 period and competences in higher education- study on cooperation and assertivity |
| COVID-19 | Kirstie Lynn Dobbs | Falling Flat? The impact of state legitimacy, capacity, and political trust on flattening the curve of COVID-19 |

| COVID-19 | Steve Gardner | Combinatorial analysis of phenotypic and clinical risk factors associated with hospitalized COVID-19 patients |
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| COVID-19 | Saverio Bettuzzi | Efficacy of a Polyphenolic, Standardized Green Tea Extract for the Treatment of COVID-19 Syndrome: A Proof-of-Principle Study |
| COVID-19 | Ioannis Griveas | COVID-19 infection in patients receiving hemodialysis in Athens: findings, experience, outcome from a single Dialysis Unit |
| COVID-19 | Shoukuan Mu | Dispositional mindfulness mediates the relationship between conscientiousness and mental health-related issues in adolescents during the COVID-19 pandemic |
| COVID-19 | Thomas Gargot | Preventing Post Traumatic Stress Disorder in the general population induced by trauma during the COVID pandemic: A simple brief intervention based on cognitive science that could be delivered digitally |
| COVID-19 | Carmit Satran | Stress and perceived discrimination among the Arab population in Israel: the mediation role of the perceived COVID-19 threat and trust in the healthcare system |
| COVID-19 | Felipe Lopes & Adolfo Fernandes | Descriptive analysis in the COVID -19 database after one year of the pandemic disease in indigenous patients from the State of Acre |
| COVID-19 | Mohamad Hafiz Mohamad Hassim | WALANT, a Potion & Solution to a Global Halt of Cases Requiring General Anesthesia during Covid-19 Pandemic: Surgeon's Dilemma Resolved |
| COVID-19 | Baruch Barzel | An alternating lock-down strategy for sustainable mitigation of COVID- 19 |
| COVID-19 | Fabio Medas | The THYCOVIT (Thyroid Surgery during COVID-19 pandemic in Italy) study: results from a nationwide, multicentric, case-controlled study |
| COVID-19 | Zia Maharaj | Pain and function deteriorate in patients awaiting total joint arthroplasty that has been postponed due to the COVID-19 pandemic |
| COVID-19 | Siti Maemunah | Influence of epidemic COVID–19 on business strategy, information technology and supply chain agility to firm performance in medical device industry |
| COVID-19 | Sofiia Lahutina | Preventing Post Traumatic Stress Disorder in the general population induced by trauma during the COVID pandemic: A simple brief intervention based on cognitive science that could be delivered digitally |
| COVID-19 | Jelena Adamlje | EXPERIENCE IN ONLINE THERAPY DURING THE COVID-19 PANDEMIC AND ITS INFLUENCE ON EVENTS IN THE GROUP |
| COVID-19 | Dawn Thilmany | Local Food Supply Chain Dynamics and Resilience during COVID-19 |
| COVID-19 | Per Lægreid | BIOETHICAL APPROACH TO LEARNING OF BIOLOGICAL CONTENT FROM WORK IN THE LOCALITY |
| COVID-19 | Andrea Bahia | stayathome?: Increased children's emotion regulation in covid-19 pandemic |
| COVID-19 | Samuel R Friedman | Big Events and Drug Overdose Mortality: How major pandemics, economic changes and political transitions affect overdose epidemics |
| COVID 40 | | A new Fractal Model in Epidemiology (FraME) obtains better fitting time-trends of the pandemic due to SARS-CoV-2. A fractal study of the virus (and of its interactions with host) can also improve diagnosis and |
| COVID-19 | Calogero Rinzivillo | cure. The Root Cause of the Failure of American COVID-19 Governance |
| COVID-19 | Xiaohong Tian | Based on the Criticism of Liberal Democracy From Error-Tolerant Democracy |
| COVID-19 | Takashi Ohue | Mental health of nurses involved with COVID-19 patients in Japan, intention to resign, and influencing factors |
| COVID-19 | Nirjari Dalal | Impact of Covid-19 on psychosocial issues faced by cancer patients in India |
| COVID-19 | Joào Frederico da Costa Azevedo Meyer | To what extent Africa can limit the impact of the COVID-19 pandemic? |

| COVID-19 | Leon Margolin | Review of Formulations and Methods for Prevention and Treatment of COVID-19 and other Viral Infections |
|----------------------|---------------------------|--|
| COVID-19 | Aman Rajpal | Factors leading to high morbidity and mortality of COVID-19 in patients with type 2 diabetes |
| COVID-19 | William Suarez | Covid 19 - Limiting and Managing Risk in a Physiotherapy School |
| COVID-19 | Tulio Eduardo Rodrigues | Monte Carlo Calculations of Sars-Cov-2 Omicron Variant Case-Fatality-Ratios in USA, Brazil, India and France |
| COVID-19 | Victoria Chen | An Optimization Framework to Study the Balance Between Expected Fatalities due to COVID-19 and the Reopening of U.S. Communities |
| COVID-19 | Teresa Catramby | A PANDEMIA COVID-19 E A EDUCAÇÃO SUPERIOR EM TURISMO NO ESTADO DO RIO DE JANEIRO (BRASIL): NOTAS PRELIMINARES DE PESQUISA |
| COVID-19 | Dipu T S | Waiting for Godot: A cross sectional survey based analysis of the hydroxychloroquine prophylaxis strategy against COVID-19 in India |
| COVID-19 | Min Thein Win | Crisis or Opportunity? A Phenomenological Study of the Impact of COVID-19 Pandemic on Final Year Medical Students |
| COVID-19 | Florence LeCraw | Rapid adoption of resilience strategies during the COVID-19 pandemic |
| COVID-19 | macaulay Onuigbo | Timed Controlled Repeated Rotation of the CAR-170-C NXSTAGE Chronic Cartridge Hemodialysis Filter: A Novel Approach to Enabling Heparin-Free Frequent Daily Home Hemodialysis |
| COVID-19 | Robert Drury | Global Public Health Practice and Policy: Learning Lessons from the COVID 19 |
| COVID-19 | Tzvi Dwolatzky | If Not Now, When? the Role of Geriatric Leadership as Covid-19 Brings the World to Its Knees |
| COVID-19 | Carla Gramaglia | Family and relatives of COVID-19 inpatients: the neglected needs of a vulnerable population |
| COVID-19 COVID-19 | Christopher Tignanelli | Antihypertensive drugs and risk of COVID-19 |
| COVID-19 | Vladimir Aristov | Simulation of Spatial Spread of the COVID-19 Pandemic on the Basis of the Kinetic-Advection Model |
| COVID-19 | Shankar LeVine | Case Report: The First Case of COVID-19 in Bhutan |
| COVID-19 | Allison Krug | Youth ice hockey COVID-19 protocols and prevention of sport-related transmission |
| COVID-19 | Luiz Montes do Amaral | Remote care in PHC - cell phone use experience in a Family Health team in a slum area during the COVID-19 crisis |
| COVID-19 | Yasuharu Tokuda | Japan |
| COVID-19 | Yoji Inaba | What has Covid-19 Pandemic brought about on the well-being of the elderly - an observation from the viewpoint of social capital and AI Effect of Climate on COVID-19 incidence: a Cross-sectional Study in |
| COVID-19 | Arkaitz Castaneda Babarro | The effect of the measures taken by the different countries due to Covid-19 on the habits and amount of physical activity of the population |
| COVID-19 | Arabella Warren | Pulmonary Vascular and Right Ventricular Burden During Exercise in Interstitial Lung Disease |
| COVID-19 | Divya Bharathi | Impact of Covid-19 Pandemic on Indian Services Sector |
| COVID-19 | Nazanin Khadem | Application of deep learning technique to manage COVID-19 in routine clinical practice using CT images: Results of 10 convolutional neural networks |
| COVID-19 | Rodolfo Alvarez Zambrano | An alternative approach to COVID-19: the potential language of SARS-CoV-2 |
| COVID-19 | Jessica Polese | Pulmonary function evaluation after hospital discharge of patients with severe COVID-19 |
| COVID-19 | Jose-Luis Sagripanti | Estimated Inactivation of Coronaviruses by Solar Radiation With Specia Reference to COVID-19 |

| COVID-19 | Neha Sharma | A Community-Based Participatory Research to Assess the Feasibility of Ayurveda Intervention in Patients with Mild-to-Moderate COVID-19 |
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| COVID-19 | Eilish McAuliffe | Assessing the Impact of COVID-19 Public Health Stages on Paediatric Emergency Attendance |
| COVID-19 | Shweta Kanchan | District level correlates of COVID-19 pandemic in India |
| COVID-19 | Rodrigo Queiroz Silveira | Multiple cranial nerve palsies in malignant external otitis: A rare presentation of a rare condition |
| COVID-19 | President Piaak | The Antagonistic Contradiction between the Principles of "Self- Determination" and "Territorial Integrity |
| COVID-19 | Liandong Ma | Suppression of Androgen Receptor (AR)-ACE2/TMPRSS2 Axis by AR Antagonists May Be Therapeutically Beneficial for Male COVID-1919 Patients |
| COVID-19 | Thaira Madi | External Quality System Growth- HCAC in 4 years |
| COVID-19 | Marlon Edu Saavedra-Delgado | Impact on COVID-19 morbidity and mortality according to the regulations on the useof face mask |
| COVID-19 | Marha L. Kammona | Role of Meteorological Variables in COVID-19 in Iraq 2020 |
| COVID-19 | Christopher Paul Patey | Innovations in Emergency Department Flow and Surge |
| COVID-19 | Austin V Stone | Injury Rates in Major League Baseball During the 2020 COVID-19 Season |
| COVID-19 | Tomoyuki Shinohara | Do lifestyle measures to counter COVID-19 affect frailty rates in elderly community dwelling? Protocol for cross-sectional and cohort study |
| COVID-19 | Sathish Kumar | Post COVID-19 Complications and Need to Follow Up |
| COVID-19 | Shyamala Anand | Early impact of COVID-19: Observations from an integrated WASH and NTD project in two south-eastern states in India |
| COVID-19 | Yose Ramda Ilhami | IBRINOLYTIC THERAPY FOR ST-SEGMENT ELEVATION MYOCARDIAL INFARCTION DURING THE COVID-19 PANDEMIC: A SINGLE-CENTER EXPERIENCE |
| COVID-19 | Orna Alpert | Cytokine Storm Induced New Onset Depression in Patients with COVID- 19. A New Look Into the Association Between Depression and Cytokines - Two Case Reports |
| COVID-19 | Punidha Kaliaperumal | Application of Health-Care Networking in COVID-19: A Brief Report |
| COVID-19 | Rodger MacArthur | A Comparison of COVID-19 Epidemiology, Pathophysiology, and Impact on Vulnerable Populations in Two States within the USA |
| COVID-19 | Huma Imran Herriot Watt | A Systematic Literature Review On The Technical And Non-Technical Cyber Risk Management Models In The Oil And Gas Sector |
| COVID-19 | Richard La Fleur | The Crisis of Loss and Moral Injury – Lasting Effects of COVID-19 on Teenagers and Healthcare Workers |
| COVID-19 | Daniela Frasca | nfluence of obesity on serum levels of SARS-CoV-2-specific antibodies in COVID-19 patients |
| COVID-19 | John Ransone | ENDOCRINE BIOMARKER RESPONSES DURING AN INTERCOLLEGIATE |
| COVID-19 | Yigang Chen | Nebulization Therapy With Umbilical Cord Mesenchymal Stem Cell - Derived Exosomes For COVID-19 Pneumonia |
| COVID-19 | Panagiota Xaplanteri | Retrospective analysis of COVID-19 patients in the region of Eastern Achaia, Greece, in a Primary and Secondary Health Care Setting |
| COVID-19 | Mohsen Dorodchi | Internet of Things for Current COVID-19 and Future Pandemics: an Exploratory Study |
| COVID-19 | Allain Bueno | Malnutrition and nutrition-related disorders in liver steatosis as risk factors for severe SARS-CoV-2 complications |
| COVID-19 | Santanu Maity | The development of a family liaison team to improve communication between intensive care unit patients and their families during the COVID-19 pandemic |

| COVID-19 | Md Azizul Islam | Extraordinary Survival Benefits of Severe and Critical Patients with COVID-19 by Immune Modulators: The Outcome of a Clinical Trial in Bangladesh |
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| COVID-19 | Maria Clelia Zurlo | COVID-19 Student Stress Questionnaire: Development and Validation of a Questionnaire to Evaluate Students' Stressors Related to the Coronavirus Pandemic Lockdown |
| COVID-19 | Sonnino Giorgio | Dynamics of the COVID-19: Comparison between the theoretical predictions and real data, and Relations to be satisfied for returning to normal life |
| COVID-19 | Jeff Melton | Biden, Trump, and COVID-19 Infection Rates: Don't be Listening to Trump |
| COVID-19 | G. Zakersalehi | The effects of COVID-19 on higher education: Lessons learned from three studies |
| COVID-19 | Shimaa Mohammad Yousof | Work Stress, Dysbiosis, and Immune Dysregulation: The Interconnected Triad in COVID-19 Infection in the Medical Team Staff – A Mini-Review |
| COVID-19 | Remko Van Hoek | Talent Management For a Post-COVID-19 Supply Chain—The Critical Role for Managers |
| COVID-19 | Vanessa Poliquin | SOGC Committee Opinion – COVID-19 in Pregnancy |
| COVID-19 | Marraha Farah | Skin Reactions to Personal Protective Equipment among First-Line COVID-19 Healthcare Workers: A Survey in Northern Morocco |
| COVID-19 | Svetlana Rogacheva | Film polysaccharide matrices for immobilization of hydrophilic fluorescence probes |
| COVID-19 | Richard Hurtig | Improving Outcomes for Hospitalized Patients Pre- and Post-COVID-19 |
| COVID-19 | Ruba Kiwan | A Protocol for Carotid Artery Stenting in COVID Times. A Single Canadian Centre Experience |
| COVID-19 | Christine M. Peat | The Impact of COVID-19 on Eating Disorders. |
| COVID-19 | Stefan Wuchty | Prediction of human-virus protein-protein interactions through a sequence embedding-based machine learning method |
| COVID-19 | Ahnach Maryame | The critical role of complete blood count in the management of patients with COVID-19 |
| COVID-19 | khomotso Mathibela | Morphometric data of Colophospermum mopane leaves in the Limpopo Provtreince of South Africa |
| COVID 10 | Gaari Nasi | Fighting the COVID-19 pandemic by providing easy-to-use RNA Extraction Kits and SARS-CoV-2 Detection Kits based on the LAMP |
| COVID-19 | Saori Nagi Dale Grant | method Displacing Sedentary Behavior with Light Activity as a Method of Improving Health in Older Adults (Implications for COVID-19 Quarantine) |
| COVID-19 | Ashish Vasudev | Morbidity and mortality in patients undergoing lower limb arthroplasty surgery during the initial surge of the COVID-19 pandemic in the UK at a single-speciality orthopaedic hospital |
| COVID-19 | Neeraj Singla | Clinical spectrum and outcome of patients visiting coronavirus screening centre in North India and clinical predictors for COVID-19 |
| COVID-19 | Amar S Kanekar | Positive behavioral strategies to cope during a pandemic |
| COVID-19 | Maria das Gracas Silva | Public policies and housing vulnerabilities in face of the COVID-19 pandemic |
| COVID-19 | Daniela Dragonetti | Detection of anti-heparin-PF4 complex antibodies in COVID-19 patients on heparin therapy |
| COVID-19 | Ravindra Ganesh | PROMIS scales for assessment of the impact of post-COVID syndrom |
| COVID-19 | David Weber | Postacute Sequelae of COVID-19 Infection and Development of a Physiatry-Led Recovery Clinic |
| COVID-19 | Davidovitch Nitza | E-education in crisis situations affects new thinking in higher education |
| COVID-19 | David Altschul | Neurologic Syndromes Predict Higher In-Hospital Mortality in COVID-19 |
| COVID-19 | Jordana Bessa | Breast imaging hindered during covid-19 pandemic, in Brazil |

| COVID-19 | Kinjal Solanki | Current Status of COVID-19 Vaccines |
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| COVID-19 | Rajasekaran Subramanian | Automatic Identification of Covid-19 regions on CT-images using Deep Learning |
| COVID-19 | Bobby Herrera | Validating and modeling the impact of high-frequency rapid antigen screening on COVID2 19 spread and outcomes |
| COVID-19 | Dermot Cox | Targeting SARS-CoV-2-Platelet Interactions in COVID-19 and Vaccine-Related Thrombosis |
| COVID-19 | Angelica Baptista | COVID-19 Remote Consultation Services and Population in Health Inequity-Concentrating Territories: A Scoping Review |
| COVID-19 | Jesha Mundodan | Can the cycle threshold (Ct) value of RT-PCR test for SARS CoV2 predict infectivity among close contacts? |
| COVID-19 | Pei Sun | Longitudinal Trajectories of Psychopathology and Resilience Following COVID-19 Lockdowns in China |
| COVID-19 | Samir Safi | A hybrid of artificial neural network, exponential smoothing, and ARIMA models for COVID-19 time series forecasting |
| COVID-19 | C. Virginia O'Hayer | Building a Life Worth Living During a Pandemic and Beyond: Adaptations of Comprehensive DBT to COVID-19 |
| COVID-19 | Arndt Büssing | Dynamics of Perceived Positive Changes and Indicators of Well-Being Within Different Phases of the COVID-19 Pandemic |
| COVID-19 | Catherine Giess | Self-reported Burnout: Comparison of Radiologists to Nonradiologist Peers at a Large Academic Medical Center |
| COVID-19 | Smita Awasthi | Transitioning ABA Services From in Clinic to Telehealth: Case Study of an Indian Organization,Äôs Response to COVID-19 Lockdown |
| COVID-19 | Dana Devine | How does the collection and qualification of COVID convalescent plasma affect the outcome of clinical trials |
| COVID-19 | Iris Manor | The Association between ADHD and the Severity of COVID-19 Infection |
| COVID-19 | Thomas McMaster | Telemedicine Application & Innovation in Surgical Outpatient Clinics During & Beyond COVID-19 |
| COVID-19 | Linda Desens & Denise Scannell | COVID-19 Vaccine Discourse on Twitter: A Content Analysis of Persuasion Techniques, Sentiment and Mis/Disinformation |
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| COVID-19 | Tehila Refaeli | Financial Strain and Loneliness among Young Adults during the COVID- 19 Pandemic: The Role of Psychosocial Resources |
| COVID-19 | JinHui Tao | Sex-Related Overactivation of NLRP3 Inflammasome Increases Lethality of the Male COVID-19 |
| COVID-19 | Nikhitha Mantri | COVID-19 Vaccine Failure in a Patient with Multiple Sclerosis on Ocrelizumab |
| COVID-19 | Emad Allam | Heterotopic ossification post COVID-19: Report of two cases |
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| COVID-19 | Lasko Basnarkov | Non-Markovian epidemic spreading models |
| COVID-19 | Valsamma Eapen | E-mental health in child psychiatry during COVID-19: an initial attitudinal study |
| COVID-19 | DeLisa Fairweather | COVID-19 Convalescent Plasma Is More than Neutralizing Antibodies: A Narrative Review of Potential Beneficial and Detrimental Co-Factors |
| COVID-19 | Jay Kolls | Endothelial cell infection and dysfunction, immune activation in severe COVID-21 |
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| COVID-19 | Shaghayegh Rahmani | Pregnancy and Childbirth During COVID-19 Pandemic: A Case Series and Review of Literature |
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| COVID-19 | Peter Sabaka | Role of interleukin 6 as a predictive factor for a severe course of Covid- 19: retrospective data analysis of patients from a long-term care facility during Covid-19 outbreak |
| COVID-19 | Naim Mahroum | Systematic Review and Meta-Analysis of Tocilizumab Therapy Versus Standard of Care in over 15,000 COVID-19 Pneumonia Patients during the First Eight Months of the Pandemic |
| COVID-19 | Sejuti Rahman | Deep Learning—Driven Automated Detection of COVID-19 from Radiography Images: a Comparative Analysis |
| COVID-19 | Amal Hasan | Cellular and Humoral Immune Responses in Covid-19 and Immunotherapeutic Approaches |
| COVID-19 | Christopher Pereira | The Association Between Antibody Response to Severe Acute Respiratory Syndrome Coronavirus 2 Infection and Post-COVID-19 Syndrome in Healthcare Workers |
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| COVID-19 | Sandra Wainwright | Hyperbaric Oxygen Therapy For Hospitalized COVID19 Patients With Moderate To Severe Hypoxia |
| COVID-19 | Thu Thi Xuan Nguyen | valuating associations between area-level Twitter-expressed negative racial sentiment, hate crimes, and residents' racial prejudice in the United States |
| COVID-19 | Brian E Glassman | Multidimensional Hardship in the U.S. during the COVID-19 Pandemic |
| COVID-19 | Abd Higazi | Alpha-defensins: risk factor for thrombosis in COVID-19 infection |
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| COVID-19 | Andrey Gerasimov | Estimation of the probability of daily fluctuations of incidence of COVID-19 according to official data |
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| COVID-19 | Bethany Christine Birkelo | Comparison of COVID-19 versus influenza on the incidence, features, and recovery from acute kidney injury in hospitalized United States Veterans |
| COVID-19 | Dominique Vanneste | I Could Not Manage This Long-Term, Absolutely Not." Aging in Place, Informal Care, COVID-19, and the Neighborhood in Flanders (Belgium) |
| COVID-19 | Nadia Boudjenah | Diabetic Foot in Algeria: Gangrene of the Extremities during Covid 19 |
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| | | Boosting effect of Intravenous Magnesium-Vitamins-Amino-acid combination or oral nutrients in the treatment of Post Covid Fatigue and Chronic |
| COVID-19 | Jan Pen | Fatigue syndrome |
| COVID-19 | Anant Gupta | Effect of Ambient Temperature on COVID-19 Infection Rate |
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| COVID-19 | Ulrike Elsdörfer | HE ART OF ACHIEVING WHOLENESS: Adult-Learning in Presence and Listening Intercultural Encounter in Healthcare and Counselling before and during Covid-19 |
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| COVID-19 | Monica Re | Isolated systems towards a dancing constellation: coping with the Covid-19 lockdown through a pilot dance movement therapy tele-intervention |
| COVID-19 | Elizabeth Austin | Resilience in the Storm: Impacts of Changed Daily Lifestyles on Mental Health in Persons with Chronic Illnesses under the COVID-19 Pandemic |
| COVID-19 | Frances Edwards | Sheltering the Homeless during COVID-19 in San Jose, California |
| COVID-19 | Richard Alo | Pharmacological Effects of Selected Medicinal Plants and Vitamins Against COVID-19 |
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| Dentistry | Lucy Killewo | The Good and the bad: Lessons learned from remote proctoring in large dental education setting |
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| Dentistry | Kazunori Dachi | Orthodontic treatment-induced temporal alteration of jaw-opening reflex excitability |
| Dentistry | Si Chen | Thickness change of masseter muscles and the surrounding soft tissues in female patients during orthodontic treatment: a retrospective study |
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| Dermatology | Travis Whitfill | Engineering the Microbiome to Treat Skin Diseases |

| Diabetes | Matej Samos | Type 2 diabetes and plasma levels of direct oral anticoagulants in patients with atrial fibrillation |
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| Diabetes | Steven Ecientei | |
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| Diabetes | Jaakko Tuomilehto | Update on Worldwide Trends in Occurrence of Childhood Type 1 Diabetes in 2020 |
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| Diabetes | Minoru Kikuchi | Ultrasonography Improves Glycemic Control by Detecting Insulin- Derived Localized Amyloidosis |
| Diabetes | Todd Leff | Lead (Pb) exposure promotes diabetes in obese rodents |
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| Diabetes | Ana G Olivares Loro | Management of type 2 diabetes mellitus in adolescents and young adults in primary care |
| Diabetes | Rola Hamam | Intraocular Inflammation in Diabetic Populations |
| Diabetes | Marshanna Gresham | Effect of Health Information Technologies on Cardiovascular Risk Factors among Patients with Diabetes |
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| Diabetes | Li Chen | Dorzagliatin monotherapy in Chinese patients with type 2 diabetes: a dose-ranging |
| Diabetes | Joshua Gabel | Current state of the art for revascularization and amputation prevention in the diabetic foot |
| Diabetes | Nisa M. Maruthur | Management of Hyperglycemia in Type 2 Diabetes |
| Endocrinology | Linda Fryklund | Is the decision on the use of biosimilar growth hormone based on high quality scientific evidence? - a systematic review |
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| Endocrinology | Lilian Plotkin | Connexins and Pannexins in bone cell signaling |
| Endocrinology | Lorena Orostica | Metformin treatment regulates the expression of molecules involved in adiponectin and insulin signaling pathways in endometrium from women with obesity-associated insulin resistance and PCOS |
| Epilepsy | John Stern | Musicogenic epilepsy |

| Epilepsy | Vivek Prabhakaran | Using Low-Frequency Oscillations to Detect Temporal Lobe Epilepsy with Machine Learning |
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| Epilepsy | Zsolt Kovacs | Uric acid and allopurinol aggravate absence epileptic activity in Wistar Albino Glaxo Rijswijk rats |
| Epilepsy | Emma Jane Footitt | Epilepsy due to PNPO mutations: genotype |
| Epilepsy | Yael Shiloh-Malawsky | Successful treatment of childhood prolonged refractory status epilepticus with lacosamide |
| Epilepsy | Zsofia Magloczky | Sprouting in human temporal lobe epilepsy: Excitatory pathways and axons of interneurons |
| Genetics | Fan Bai | Paleolithic genetic link between Southern China and Mainland Southeast Asia revealed by ancient mitochondrial genomes |
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| Genetics Genetics | Ron Weiss | institution Programming gene and engineered-cell therapies with synthetic biology |
| Genetics | Arif Somani | Blood outgrowth endothelial cells overexpressing eNOS mitigate pulmonary hypertension in rats: a unique carrier cell enabling autologous cell-based gene |
| Genetics | Joseph Reiner | Infrared Laser Heating Applied to Nanopore Sensing for DNA Duplex Analysis |
| Genetics | Bingshan Li | A likelihood-based framework for variant calling and de novo mutation detection in families |
| Genetics | María Alemany-Navarro | Looking into the genetic bases of OCD dimensions: a pilot genomewide association study |
| Genetics | Huiwen Che | GENOME-WIDE PROFILING AND HAPLOTYPING OF CELL-FREE DNA ENABLING COMBINED NON-INVASIVE PRENATAL DIAGNOSIS OF INHERITED MONOGENIC DISEASES AND ANEUPLOIDY |
| Genetics | Kurkina Marina | Molecular and biochemical study of glutaric aciduria type 1 in 49 Russian families: nine novel mutations in the GCDH gene |
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| Genetics | Nasser Mohamed Amer | Proteus Syndrome_ a rare case with an unusual presentation: Case report |
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| Hematology | Joseph Alvarnas | Hematopoietic cell transplantation and Gene-modified effector cells Reengineering the immune response for patients with HIV/AIDS and Blood Cancers |
| Hematology | Jiviane Barretto | Epidemiological profile of anemia in hematology outpatient clinic in private health sector |
| Hematology | Katrina Lappin | Erythropoietin in bone homeostasis—Implications for efficacious anemia |
| Hematology | Alvin H. Schmaier | Poly (acrylic acid) (PAA) is a contact system activator with properties to stop hemorrhage |
| Hematology | Takahiko Aoki | Structure of a sialo-oligosaccharide from glycophorin in carp red blood cell (RBC) membranes |
| Hematology | David H. Henry | Roxadustat for the treatment of anemia in patients with lower-risk myelodysplastic syndrome: Open-label, dose-selection, lead-in stage of a phase 3 study |

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| Infectious Diseases | Diana Caroline Hennessey | Subcutaneous ivermectin for the treatment of the hyperinfection syndrome by Strongyloides stercoralis |
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| Hepatology | Margaret Bassendine | Hepatitis C virus and atherosclerosis: A legacy after virologic cure? |
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| Hepatology | Guoli Dai | Nrf2 is essential for timely M phase entry of replicating hepatocytes during liver regeneration |
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| Internal Medicine | Tetsuya Makiishi | Immunoglobulin G4-related disease with scant tissue IgG4 |
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| Internal Medicine | Calin Homorodean | Renal Failure Impact on the Outcomes of ST-Segment Elevation Myocardial Infarction Patients Due to a Left Main Coronary Culprit Lesion Treated Using a Primary Percutaneous Coronary Intervention |
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| nternal Medicine | Calin Homorodean | Renal Failure Impact on the Outcomes of ST-Segment Elevation Myocardial Infarction Patients Due to a Left Main Coronary Culprit Lesion Treated Using a Primary Percutaneous Coronary Intervention |

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| Neonatology | Lavoie Jean Claude | Clinical strategy for managing oxidative stress in premature infants, taking into account the sex of the newborn |
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| Nephrology | Asad A. Bakir | The fatal interplay of aluminum and citrate in chronic renal failure: a lesson from three decades ago |
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| Neurology & Neuroscience | Jip Devries | Neurobehavioural outcome in 6?18 year old children after trauma in pregnancy: Case?control study |
| Neurology & Neuroscience | Mazlina Mazlan | Olfactory dysfunction after brain injury and its related quality of life |
| Neurology & Neuroscience | Hong Jiang | Visual Function and Disability Are Associated with Increased Retinal Volumetric Vessel Density in Patients with Multiple Sclerosis |
| Neurology & Neuroscience Neurology & Neurology & Neuroscience | Deborah Levine Gloria-Acacia Benítez-King | Association of Blood Pressure and Cognition after Stroke The microtubular cytoskeleton of olfactory neurons derived from patients with schizophrenia or with bipolar disorder: Implications for biomarker characterization, neuronal physiology and pharmacological screening |
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| Neurology & Neuroscience | Susana Boronat | Seizures and electroencephalography findings in 61 patients with fetal alcohol spectrum disorders |
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| Neurology & Neuroscience | DaZhi Liu | Cell cycle inhibition without disruption of neurogenesis is a strategy for treatment of central nervous system diseases |
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| Neurology & Neuroscience | Kazuhito Toyooka | Regulation of neuronal morphogenesis by 14-3-3epsilon (Ywhae) via the microtubule binding protein, doublecortin |
| Neurology & Neuroscience | Carston Wagner | Structure and Functional Characterization of Human Histidine Triad Nucleotide-Binding Protein 1 Mutations Associated with Inherited Axonal Neuropathy with Neuromyotonia |
| Neurology & Neuroscience | Susana Boluda Casas | La transconformation prot?ique, nouveau paradigme en neurologie |
| Neurology & Neuroscience | Naiara Aquizu-Lopez | Polycomb Repressive Complex 2 (PRC2) in neurodevelopmental disorders |
| Neurology & Neuroscience | Sandra Rieger | Oxidative stress-dependent MMP-13 activity underlies glucose neurotoxicity |
| Neurology & Neuroscience | Kasia Kozlowska | Update about functional neurological (conversion) disorder in children and adolescents |
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| Neurology & Neuroscience | Lei Chen | Intra-Arterial Delivery of Neural Stem Cells to the Rat and Mouse Brain: Application to Cerebral Ischemia |
| Neurology & Neuroscience | A. Robert Spitzer | Classification and treatment of sleep disorders by clinical syndrome, anatomic localization and pathophysiology |
| Neurology & Neuroscience | Xu Zhang | Fibroblast Growth Factor 13 in brain development and diseases |
| Neurology & Neuroscience | Gilles E Martin | BK channels mediate dopamine inhibition of firing in a subpopulation of core nucleus accumbens medium spiny neurons |
| Neurology & Neuroscience | Peng Liu | Author Correction: A soluble truncated tau species related to cognitive dysfunction is elevated in the brain of cognitively impaired human individuals |
| Neurology & Neuroscience | Laurie-Anne Boivin-Proulx | Adherence to antihypertensive agents after ischemic stroke and risk of cardiovascular outcomes |

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