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CONFERENCE PROCEEDINGS

BOOK OF ABSTRACTS MMHS-2019

International Conference on
“Medical, Medicine & Health Sciences”
(MMHS-2019), Sydney, Australia



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Book of Abstracts Proceeding

International Conference on
“Medical, Medicine & Health Sciences”
(MMHS-2019)
Sydney, Australia

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**International Conference on
“Medical, Medicine & Health Sciences”
Sydney, Australia
Venue: Holiday Inn Potts Points**

ORGANIZING COMMITTEE

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CONFERENCE CHAIR MESSAGE

Dr. Malika Ait Nasser

International Conference on “Medical, Medicine & Health Sciences” serves as platform that aims to help the scholarly community across nations to explore the critical role of multidisciplinary innovations for sustainability and growth of human societies. This conference provides opportunity to the academicians, practitioners, scientists, and scholars from across various disciplines to discuss avenues for interdisciplinary innovations and identify effective ways to address the challenges faced by our societies globally. The research ideas and studies that we received for this conference are very promising, unique, and impactful. I believe these studies have the potential to address key challenges in various sub-domains of social sciences and applied sciences.

I am really thankful to our honorable scientific and review committee for spending much of their time in reviewing the papers for this event. I am also thankful to all the participants for being here with us to create an environment of knowledge sharing and learning. We the scholars of this world belong to the elite educated class of this society and we owe a lot to return back to this society. Let's break all the discriminating barriers and get free from all minor affiliations. Let's contribute even a little or single step for betterment of society and welfare of humanity to bring prosperity, peace and harmony in this world. Stay blessed.

Thank you.

Dr. Malika Ait Nasser

Conference Chair

Email: chair@academicfora.com

MMHS-2019

Conference Schedule

DAY 01 Saturday (May 11, 2019)

Venue: Holiday Inn Potts Points , Sydney, Australia

| | |
|---------------------|--|
| 09:00 am – 09:10 am | Welcome Reception & Registration |
| 09:10 am – 09:20 am | Opening Ceremony |
| 09:20 am – 09:30 am | Welcome Remarks – Conference Coordinator |
| 09:30 am – 09:40 am | Introduction of Participants |
| 09:40 am – 09:50 am | Group Photo Session |
| 09:50 am – 10:00 am | Grand Networking Session and Tea Break |

DAY 01 Saturday (May 11, 2019)

Session Chair: Leon yap

Session 1 (10:00 am – 11:00 am)

Track B: Business, Management, Social Sciences, Economics and Humanities

| | | | |
|----------------------|--|-------------------------------------|---------|
| OHRBE-MAY-101 | Spirituality And Trade In Nigeria:Implications For The Attainment Of Developmental Goals. | Prof. Mrs. Celestina Omoso Isiramen | Nigeria |
| OHRBE-MAY-103 | Mediation As An Innovative Way To Resolve The Conflict Arising From The Criminal Behavior Of A Minor | Korneeva Yana | Russia |

Track B: Medical, Medicine and Health Sciences

| | | | |
|----------------------|---|----------------------|--------|
| SYD-259-101M | Assessment and reduction of psychological risks for shift workers in the Far North and south of Russia | Yana Korneeva | Russia |
| SYD-259-104M | Ensuring health of shift – workers in context professional risks in the Arctic region | Natalia Simonova | Russia |
| SYD-259-102M | Is altered intestinal barrier integrity correlated with gastrointestinal symptoms among psoriasis patients? | Magdalena Chrabaszcz | Poland |
| SYD-259-102MA | Is altered intestinal barrier integrity correlated with gastrointestinal symptoms among psoriasis patients? | Cezary Maciejewski | Poland |

Lunch Break (11:00 am – 12:00 pm)

Closing Ceremony

List of Conference Attendees

The following Scholars/ practitioners/educationist who don't have any paper presentation, however they will attend the conference as delegates & observers.

| Sr. No | Official ID | Name | Affiliation Details |
|--------|---------------|---------------|-----------------------------|
| 1. | SYD-259-103MA | Raudha Kasmir | Yarsi University, Indonesia |

DAY 02 Sunday (May 12, 2019)

City Tour and Shopping Day

All respective guests are free to conduct their own sightseeing and tour. The second day of the event is reserved for this memorable purpose.



**TRCAK A: MEDICAL, MEDICINE & HEALTH
SCIENCES**

Assessment And Reduction Of Psychological Risks For Shift Workers In The Far North And South Of Russia

Yana Korneeva^{1*}, Natalia Simonova²

Abstract The study was sponsored by the Russian President's grant for state support of young Russian scientists - PhD (MK-6409.2018.6). Climatic-geographical, production and social factors place demands on the body of a shift worker, exceeding his reserves. This excludes the possibility of complete adaptation of the organism to these conditions and causes the presence of occupational health risks. It has been revealed that professional work by the shift method in the Far North contributes to the formation of unfavorable functional states and the development of destructive personal qualities of workers. They lead to a decrease in the level of mental health, productivity and efficiency of work. The reference to the risk-oriented approach is conditioned by the need to predict the professional efficiency of shift personnel. By psychological risks in professional activity, we mean the probability of the emergence of negative psychological conditions, properties and qualities that will impede its implementation. Management of psychological risks in professional work is possible through the change of objective working conditions (environmental resource) and attitudes towards the conditions for the performance of a professional task, the goals of performing professional activity and self-assessment of the possibilities for performing professional activities. The study involved 70 workers in shift work in the Arctic and 70 workers in shift work in the south of Russia. Methods of research are questioning, psychological and psychophysiological testing, observation. As a result of the study, differences in the psychological risks of shift workers in the northern and southern regions of Russia were identified. Developed and tested measures to reduce the psychological risks of these workers.

Keywords: Psychological Risk, Assessment, Functional Status, Professional Destructions

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Ensuring Health Of Shift – Workers In Context Professional Risks In The Arctic Region

Marina Arefina¹, Galina Degteva², Yana Korneeva³, Natalia Simonova^{4*}

Abstract The reported study was funded by RFBR according to the research project № 18-013-00623. The Arctic is a territory characterized by a huge area, special climatic conditions, and also rich reserves of natural resources. Currently, the region is actively developing projects for the extraction of minerals. The development of this area can be carried out if there is an able-bodied population that is able to work effectively in extreme conditions. Work in such conditions is carried out mainly on shift-work method and places high demands on the level of health of the worker. Climate-geographical, production and social factors determine professional risks for the health of workers employed in shift work. The concept of "professional risk" includes the negative impact of the environment, the conditions of professional activity, as well as the possible nature of the negative reaction of the body and mind. The identification and assessment of professional risks should be aimed primarily at preventing the development of a threat to the health, morbidity and disability of an employee. An integral system of occupational risk management is medical support for shift workers, also features of the legal regulation of labor. This regulation of the countries of the Arctic region should take into account the peculiarities of the territory. The purpose of our research is to study the issues of preserving health of shift workers in the Arctic region. As a result of the study, an analysis of legal regulation will be carried out, which is aimed at ensuring preservation health of workers employed in field of shift work, identifying measure criteria professional risk, including assessment of injuries, loss of professional performance, disability, etc. The study of ensuring the preservation of the health status of workers employed in shift work will make it possible to develop a model of optimal support for shift workers in the Arctic region.

Keywords: Shift – Workers, Professional Risks, Ensuring Health

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Is Altered Intestinal Barrier Integrity Correlated With Gastrointestinal Symptoms Among Psoriasis Patients?

Magdalena Chrabaszcz^{1*}, Cezary Maciejewski²

Abstract Background: A rapidly expanding body of literature suggests a functional interaction between gut microbiome, gut permeability and immune system. Inflammation and barrier defects in the gut appear to have correlation to pathogenesis of psoriasis. The aim of this study was to compare psoriasis severity, intensity of self-reported gastrointestinal symptoms and concentration of gut microbiota-derived metabolite trimethylamine N-oxide (TMAO) between psoriatic patients with and without altered intestinal barrier. Methods: One hundred consecutive patients with chronic plaque psoriasis (57 men, 43 women), with a mean age of 43.6 years, were enrolled Gastrointestinal Symptom Rating Scale (GSRS) – validated and reliable questionnaire in polish version available for assessing gastrointestinal symptoms was used. To examine gut barrier integrity we investigated serum concentrations of claudin-3, a modulator of intestinal tight junctions and intestinal fatty acid-binding protein, a marker of enterocyte damage. TMAO concentration was measured through high performance liquid chromatography. Results: Patients with altered gut barrier showed significantly higher score in GSRS ($p<0.05$), especially in “indigestion” section. Moreover, patients with psoriasis and disrupted intestinal barrier demonstrated higher disease activity (PASI: 18.9 ± 1.9 vs 10.1 ± 2.5 , $p<0.05$). The inflammatory parameters and markers of bacterial translocation (TMAO) were significantly higher in a subgroup of patients with damaged gut integrity ($p<0.05$). Presence of metabolic syndrome and its components did not differ significantly among the groups. Conclusion: This result suggests that alterations of the intestinal barrier may play an essential role in the pathogenesis of psoriasis. Understanding the interplay between this gut-skin axis for pathogenesis of psoriasis may lead to developing novel therapeutic strategies.

Keywords: Trimethylamine N-Oxide (TMAO), Gut Permeability, Claudin-3, Psoriasis

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**TRACK B: BUSINESS, MANAGEMNET, SPCIAL
SCINECES AND HUMANITIES**



Mediation As An Innovative Way To Resolve The Conflict Arising From The Criminal Behavior Of A Minor

Korneeva Yana¹, Nina Skripchenko², Marina Arefina*³

Abstract The reported study was funded by RFBR according to the research project № 19-011-00385 A. Modern society is beginning to develop in a new direction, including the administration of justice. The punitive ideology has been replaced by the idea of developing restorative justice, within which it becomes possible to use such methods for realizing the purpose of criminal proceedings, which are based on reconciliation of the prosecution and defense by building mutually beneficial contractual relations. In accordance with Recommendation No. R (99) 19 of September 19, 1999, adopted by the Council of Europe Cabinet of Ministers "Criminal mediation", the principles on which mediation (mediation) in criminal cases is based are: voluntary consent of the parties, confidentiality of negotiations, the general availability of mediation services, the possibility of mediation at any stage of legal proceedings, the independence of mediation services. Legislation should promote mediation in criminal matters. The introduction of alternative forms of resolving criminal conflicts in the form of mediation procedures can contribute not only to a more effective implementation of the principle of procedural economy, but also to the possibility for the victim and the offender of the possibility provided by the RF Code of Criminal Procedure to negotiate harm reduction. Considering that in 2011, a set of measures is being implemented in the Arkhangelsk region aimed at developing child-friendly justice in criminal justice, in which new technologies and methods are used to prevent crime that has come into conflict with the law, experience has been gained in the region implementation of reconciliation programs in juvenile crime cases. However, for the further expansion and development of this procedure, there is an urgent need for communication and analysis of accumulated experience. The purpose of the study is to summarize the experience of conducting mediation in criminal cases of crimes against minors in order to develop proposals aimed at increasing the effectiveness of the ongoing recovery procedures. The article will present the legal basis for mediation in criminal proceedings, in order to identify gaps and contradictions; analyzed the technology of the process of mediation, revealed the advantages and disadvantages of this procedure in relation to a minor; The analysis of the effectiveness of mediation in cases involving minors.

Keywords: Mediation, Restorative Mediation (RM), Minor, The Crime

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Spirituality And Trade In Nigeria: Implications For The Attainment Of Developmental Goals.

Prof. Mrs. Celestina Omoso Isiramen*

Abstract Over the years, theories of development have overlooked the possible connectivity between spirituality and the attainment of developmental goals. While the emphasis of the economists has been on the impact of economic variables, the focus of the spiritualist has been on the influence of the supernatural. This paper addressed the impact of the spiritual and the mundane on trade vis-à-vis development. The constructionist theory served as a guide in noting the point that, for the attainment of developmental goals in Nigeria, economic variables and trade cannot be successfully divorced from the peoples perception of the potency of the spiritual. The paper adopted the survey method and employed the stratified random sampling in the selection of a study group of 3,600 persons spread across 12 states of Nigeria. Data were collected through the use of structured questionnaire and in-depth interview. Analysis was done using simple percentage and frequency. The impact of spiritual belief on trade/economics was established. It concluded on the complementarity between the concept of the spiritual and trade/economic variables in addressing developmental goals.

Keywords: Spirituality, Trade, Development, Goals, Constructionist

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FUTURE EVENTS

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VISION

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research excellence through
networking Platform.***

