

Kingdom of Saudi Arabia
Ministry of Education
Prince Sattam bin Abdulaziz University
College of Applied Medical Sciences
Wadi Al Dawaser



المملكة العربية السعودية
وزارة التعليم
جامعة الأمير سطاتم بن عبد العزيز
كلية العلوم الطبية التطبيقية
وادي الدواسر

College of Applied Medical Sciences

Research Activities 1438/39H

Research Articles:

1. Mohamudha Parveen Rahamathulla. Carriage of integron classes in ESBL producing *Klebsiella pneumoniae* isolates from blood stream infections. Journal of Medical Microbiology and Diagnosis. 2017; 6(2): 38. (Suppl).
2. Rahamathulla MP. Prevalence, side effects and awareness about energy drinks among the female university students in Saudi Arabia. Pakistan Journal of Medical Sciences. 2017; 33(2): 347-352.
3. Sugapriya Dhanasekaran Augmented Cytotoxic Effects of Paclitaxel by Curcumin Induced Overexpression Folate Receptor- α for Enhanced Targeted Drug Delivery in HeLa cells. Phytomedicine, (In Press-Online available). <https://doi.org/10.1016/j.phymed.2018.06.019>
4. Sugapriya Dhanasekaran and Ravindran Jaganathan. Augmented Cell Signaling by Natural Polyphenols and Flavonoids Insights into Cancer Cell Remodeling and Prevention. Studies on Natural Product Chemistry (2018) Volume 58, pp 213-244.
5. Sugapriya Dhanasekaran Relationships between Alteration in Leptin and Glucose Homeostasis. Virology & Immunology Journal. 2018, 2 (3), 000150 1-3.
6. Ravindran Jaganathan, Rajeswari R and Sugapriya D Emerging Role of Adipocytokines in Diabetes as mediators of insulin resistance and Cardiovascular disease. Canadian Journal of Diabetes (2017) 1–12 Dec 8. pii: S1499-2671(17)30334-9.
7. MJN, Malaysian Journal of Nursing 2018, Factors affecting nurses' application of environmental Safety measures to prevent falls among geriatric patients In four hospitals in Alexandria.
8. Zagazeg magazine (2017), Quality of life Among the Elders in Alexandria and Qena Governorates.

9. Helwan magazine (2017), The Effect of Modified Tai Chi Exercise on Motor Function and Balance of Geriatric Patients with Parkinson's Disease.
10. Alexandria Scientific Nursing Journal (2017), Effect of a structured in-service care training on performance of working personnel in Assisted Living Facilities in Damanhour
11. World Journal of Nursing Science (2018), Factors associated with drug misuse among elders in Assisted Living Facilities in Damanhour.
12. Nazir R, Kazi A. Renal Denervation and Salt Induced Hypertension. *Adv kidney Dis Treat.* 2017, 1:2.
13. Kazi, R. N., M. A. Sattar, and E. J. Johns. "Antidiuretic and antinatriuretic response to high salt load in normotensive Wistar-Kyoto rats: Role of alpha-1A-adrenoreceptors." *Autonomic and Autacoid Pharmacology* 37.1 (2017): 13-18.
14. Ahmed KRN* sympathetically driven salt-induced hypertension in obesity. College of Applied Medical Science, Wadi Ad Dawasir, Prince Sattam Bin Abdul-Aziz University, Saudi Arabia Accepted on February 15, 2018, *Hypertension Heart Care* 2018 Volume 1 Issue
15. World Journal of Pharmacy and Pharmaceutical Sciences (2016), Determine the effectiveness of music therapy on anxiety among primi-gravidae with high risk pregnancy at selected hospital, Tamil Nadu.
16. Brunei Darussalam Journal of Health (2016), Design and Development of Vaginal Cone to reduce Urinary Tract Symptoms and Pelvic Floor Muscle Strength among Women with Stress Urinary Incontinence (SUI)
17. Sudha, Sumathi. *Asian J. Nursing Education and Research*, Marital Expectations among Unmarried College Students, 2018; 8(3): 324-328
18. Somia A. Nassar, , Amany M. Mohamed, Doaa Sedky , A. EL-Shemy, Ahmad M.Allam. Oral and Intraperitoneal Administration of B-Glucan and Its Immunomodulatory Effect Against *Staphylococcus Aureus* Infection In Rats. *International Journal of Pharmaceutical and Phytopharmacological Research (eIJPPR)* | April 2018 | Volume 8 | Issue 2 | Page 1-7.

19. Kandil OM, Hassan NMF, Sedky D, Ata EB, Nassar SA, Shalaby HA, Nanev V et al. Anthelmintic efficacy of *Moringa oleifera* seed methanolic extract against *Fasciola hepatica*. J Parasit Dis. 2018 Sep;42(3):391-401

Books:

- Mohamudha Parveen Rahamathulla and M.Mohammed Sha. “Emerging Trends in E-Health”, 2017. Creative Space Independent Publishers. ISBN-13: 978-1548131197.

Book Chapters:

1. Mohamudha Parveen Rahamathulla. “Biological Control of Aquatic Snail Borne Diseases (Schistosomiasis)”. In: Microbial Control of Vector-Borne Diseases. Edited by, Brij Kishore Tyagi, Dharumadurai Dhanasekaran. CRC Press, Taylor & Francis Group. ISBN 978-113805581
2. Jana Shafi, Amtul Waheed, Sugapriya Dhanasekaran*. Emerging Trends in Social Networks and Health Awareness for Developing Countries. In Transformative Power of Mobile Phones and Social Media Use in Developing Countries. Published by Apple Academic Press (CRC Press- Taylor & Francis Group) (*In Press-Online available*).
3. Sugapriya Dhanasekaran* and Ravindran Jaganathan. Chapter 7: Augmented Cell Signaling by Natural Polyphenols and Flavonoids Insights into Cancer Cell Remodeling and Prevention. In Studies on Natural Product Chemistry (2018) Elsevier publications, Amsterdam, Netherlands. Volume 58, pp 213-244.

Conference Presentations:

1. Mohamudha Parveen Rahamathulla. “Carriage of integron classes in ESBL producing *Klebsiella pneumoniae* isolates from blood stream infections”. Invited Speaker in International Conference on Medical and Clinical Microbiology, July 03-04, 2017 Bangkok,
2. Mohamudha Parveen Rahamathulla and Mohammed Sha. “Identification of Suitable Web Services to Enhance the E-Health Portal of Saudi Arabia”. Presentation in 2nd International Saudi Health Informatics Conference (ISHIC 2017). King Saud University, Riyadh, Kingdom of Saudi Arabia, April 15-20, 2017.
3. Tahani M and Sugapriya Dhansekarana. Isolation of Acinetobacter species from Intensive Care Unit of General Hospital Special Reference to Antibiotic Resistance: A Pilot Study

Analysis. 3rd Undergraduate Research Forum, February 20-21, 2017 Prince Sultan University, Riyadh, KSA.

4. Paper presentation in Zagazeg University, Egypt, Quality of Life Among The Elders in Alexandria And Qena (2017).
5. Paper presentation in Helwan University, Egypt, The Effect of Modified Tai Chi Exercise on Motor Function and Balance of Geriatric Patients with Parkinson's disease (2017)
6. Factors Affecting Nurses' Application Of Environmental Safety Measures To Prevent Falls Among Geriatric Patients In Four Hospitals In Alexandria, 10th annual Scientific Conference of Faculty of Nursing, El fyoom University, Egypt (2018).
7. Sumathi Ganesan. Paper Presented in International conference, Effectiveness of pelvic floor rehabilitation with vaginal cone on continence and quality of life among women with stress urinary incontinence, Saveetha University, Chennai, Tamil Nadu, India (July 2017)
8. Sudha Anbalagan . Paper Presented in International conference, Assess the marital expectations and preparedness to adjustments for marriage among unmarried college students, Saveetha University, Chennai, Tamil Nadu, India (July 2017)

Students Conference:

1. Reem Abdul Qannam and Mohamudha Parveen R. "Multidrug Resistant Extended Spectrum β -lactamase (ESBL) Detection in Gram-Negative Bacilli of Nosocomial Origin in Wadi Al Dawaser Region of Saudi Arabia". 3rd Undergraduate Research Forum (URF) 2017, Prince Sultan University., Riyadh, Saudi Arabia. February 20 - 21, 2017.
2. Fatima, Kakul Husain and Mohamudha Parveen R. "Saudi Arabia 2030 – Ways to Achieve – A Futuristic Approach". 3rd Undergraduate Research Forum (URF) 2017, Prince Sultan University, Riyadh, Saudi Arabia. February 20 - 21, 2017.
3. Noorah Abdullah, Sarah and Mohamudha Parveen R. "The Spectrum of Dermatological Disorders and Associated Socio-Economic Factors among Primary School Children in Wadi Al Dawasir Region, Saudi Arabia". 3rd Undergraduate Research Forum (URF) 2017, Prince Sultan University, Riyadh, Saudi Arabia. February 20 - 21, 2017.
4. Antibacterial and Alteration of Drug Resistance Activities of Black Cumin Seed (*Nigella Sativa*) Extracts against Urinary Pathogen. Presented by: Reem Abdulaziz Alqannam First Prize, (5000 SAR) in 2nd scientific forum, held at 15.03.2018 in Prince Sattam bin Abdulaziz University.

5. Pattern of Nutritional Consumption, Behavior and Awareness among the University Students in Saudi Arabia. Presented by: Fathima Radi Abu Shaar Fourth Prize, (2000 SAR) in 2nd scientific forum, held at 15.03.2018 in Prince Sattam bin Abdulaziz University.
6. Elham Khaled, Dr. Divya Venugopal. Prevalence, consumption and therapeutic implications of camel milk in Wadi Al Dawasir, Saudi Arabia. 2nd scientific forum, held at 15.03.2018 in Prince Sattam bin Abdulaziz University.
7. Sara Abdullah, Knowledge and attitude about epilepsy among primary school teachers, 3rd RTC Undergraduate research forum, Prince Sultan University-Riyadh, (Feb 2017).
8. Nouf mohammad & Manal mohammad, Grading of intelligence level among female university students, CAMS, PSAU, Wadi Al Dawaser. (Prize Won project)
9. Sara Abdullah, Prevalence of obesity among nursing students at college of applied medical sciences (2016)
10. Marium,bint saad bin Mubarak, Raisa Nazir Ahmed Kazi, and Shaheena Tabassum Ahsan. "Health consequences of long hour use of computer on the teaching and non-teaching faculty in an educational. article.scirea.org" (2016).
11. Khazna Wejdan, Quality of life among women with stress urinary incontinence at MOH hospital, Wadi Al dawaser, CAMS, PSAU, Wadi Al Dawaser (2017).
12. Marium,bint saad bin Mubarak, Raisa Nazir Ahmed Kazi, and Shaheena Tabassum Ahsan. "Health consequences of long hour use of computer on the teaching and non-teaching faculty in an educational. article.scirea.org" (2016).
13. Maram Adelatif, The health bag for special population, CAMS, PSAU, Wadi Al Dawaser. (2017)
14. Munirah Ali, Assessment of menstrual problem among undergraduate female students, CAMS, PSAU, Wadi Al Dawaser. (2017)

- **Grant projects**

Dr. Divya Venugopal, Dr. Kakul Husain. Isolation and Identification of *Candida* species especially among Women in Wadi Aldawasir region of Saudi Arabia. Amount: 25000 SAR