

## SCHOOL OF PHARMACY – LIST OF PUBLICATIONS

### Dr. Rajiv Dahiya

#### *Book chapters*

1. Dahiya S, **Dahiya R**. Chapter 11. Recent Nanotechnological Advancements in Delivery of Peptide and Protein Macromolecules. In: Rauta PR, Mohanta YK, Nayak D. (eds.). Nanotechnology in Biology and Medicine - Research Advancements and Future Perspectives. CRC Press, Taylor & Francis Group: Boca Raton, FL, United States, 2019; Status: In Press... (ISBN: 9780429259333, doi:10.1201/9780429259333)
2. Dahiya S, **Dahiya R**. Chapter 11. Delivery Strategies and Formulation Approaches of Anticancer Nutraceuticals. In: Gupta SV, Pathak YV. (eds.). Advances in Nutraceutical Applications in Cancer - Recent Research Trends and Clinical Applications. CRC Press, Taylor & Francis Group: Boca Raton, FL, United States, 2019; Status: In Press... (ISBN: 9780429489129, doi:10.1201/9780429489129)
3. **Dahiya R**, Dahiya S. Ocular Delivery of Peptides and Proteins. In: Patel JK, Sutariya V, Kanwar JR, Pathak YV. (eds.). Drug Delivery for the Retina and Posterior Segment Disease. Springer: Cham, Switzerland, 2018; 411-37. (ISBN: 978-3-319-95806-4, doi:10.1007/978-3-319-95807-1\_24)

#### *Papers*

1. **Dahiya R**, Singh S, Gupta SV, Sutariya VB, Bhatia D, Mourya R et al. First total synthesis and pharmacological potential of a plant based hexacyclopeptide. Iranian Journal of Pharmaceutical Research. 2019; **18**: 938-47. (Impact Factor = 1.183) [PubMed]
2. Samuel VP, **Dahiya R**, Singh Y, Gupta G, Sah SK, Gubbiyappa SK et al. Metformin: A salutary candidate for colorectal cancer in diabetic patients. Journal of Environmental Pathology, Toxicology and Oncology 2019; **38**: 33-41. (Impact Factor = 1.241) [PubMed]
3. Gupta G, Pathak S, **Dahiya R**, Awasthi R, Mishra A, Sharma RK et al. Aqueous extract of wood ear mushroom, *Auricularia polytricha* (Heterobasidiomycetes) demonstrated antiepileptic activity against seizure induced by maximal electroshock and isoniazid in experimental animals. International Journal of Medical Mushrooms 2019; **21**: 29-35. (Impact Factor = 1.423) [PubMed]
4. Chellappan DK, Sivam NS, Teoh KX, Leong WP, Fui TZ, Chooi K, Khoo N, Yi FJ, Chellian J, Cheng LL, **Dahiya R** et al. Gene therapy and type 1 diabetes mellitus. Biomedicine and Pharmacotherapy 2018; **108**: 1188-1200. (Impact Factor = 3.457) [Elsevier, PubMed]
5. **Dahiya R**, Kumar S, Khokra SL, Gupta SV, Sutariya VB, Bhatia D et al. Toward the synthesis and improved biopotential of an *N*-methylated analog of a cyclic tetrapeptide from marine bacteria. Marine Drugs 2018; **16**: 305. (Impact Factor = 4.379) [PubMed]

6. Gupta G, Singhvi G, Chellappan DK, Sharma S, Mishra A, **Dahiya R** et al. Peroxisome proliferator-activated receptor gamma: promising target in glioblastoma. *Panminerva Medica* 2018; **60**: 109-116. (Impact Factor = 2.102) [PubMed]
7. Gupta G, Tiwari J, **Dahiya R**, Kumar Sharma R, Mishra A, Dua K. Recent updates on neuropharmacological effects of luteolin. *EXCLI Journal* 2018; **17**: 211-4. (Impact Factor = 2.424) [PubMed]
8. Gupta G, Sharma RK, **Dahiya R**, Mishra A, Tiwari J, Sharma GN et al. Aphrodisiac activity of an aqueous extract of wood ear mushroom, *Auriculariapolytricha* (heterobasidiomycetes), in male rats. *International Journal of Medical Mushrooms* 2018; **20**: 81-8. (Impact Factor = 1.211) [PubMed]
9. **Dahiya R**, Singh S. Synthesis, characterization and biological screening of diandrine A. *Acta Poloniae Pharmaceutica* 2017; **74**: 873–80. (Impact Factor = 0.745) [PubMed]
10. **Dahiya R**, Singh S. Synthesis, characterization, and biological activity studies on fanlizhicyclopeptide A. *Iranian Journal of Pharmaceutical Research* 2017; **16**: 1178–86. (Impact Factor = 1.352) [PubMed]
11. Gupta G, **Dahiya R**, Dua K, Chellappan DK, Tiwari J, Narayan Sharma G et al. Anticonvulsant effect of liraglutide, GLP-1 agonist by averting a change in GABA and brain glutathione level on picrotoxin-induced seizures. *EXCLI Journal* 2017; **16**: 752–4. (Impact Factor = 1.462) [PubMed]
12. Tiwari J, Gupta G, **Dahiya R**, Pabreja K, Kumar Sharma R, Mishra A et al. Recent update on biological activities and pharmacological actions of liraglutide. *EXCLI Journal* 2017; **16**: 742–7. (Impact Factor = 1.462) [PubMed]
13. Kumar S, **Dahiya R**, Khokra SL, Mourya R, Chennupati SV, Maharaj S. Total synthesis and pharmacological investigation of cordyheptapeptide A. *Molecules* 2017; **22**: 682. (Impact Factor = 2.861) [PubMed]
14. Singh Y, Gupta G, Shrivastava B, **Dahiya R**, Tiwari J, Ashwathanarayana M et al. Calcitonin gene-related peptide (CGRP): a novel target for Alzheimer's disease. *CNS Neuroscience and Therapeutics* 2017; **23**: 457–61. (Impact Factor = 3.919) [Wiley, PubMed]
15. **Dahiya R**, Singh S. Toward the synthesis and pharmacological screening of a natural cycloheptapeptide of plant origin. *Natural Product Communications* 2017; **12**: 379–83. (Impact Factor = 0.773) [PubMed]
16. **Dahiya R**, Singh S, Sharma A, Chennupati SV, Maharaj S. First total synthesis and biological screening of a proline-rich cyclopeptide from a Caribbean marine sponge. *Marine Drugs* 2016; **14**: 228. (Impact Factor = 3.503) [PubMed]

17. **Dahiya R**, Singh S. First total synthesis and biological potential of a heptacyclopeptide of plant origin. *Chinese Journal of Chemistry* 2016; **34**: 1158–64. (Impact Factor = 1.852) [Wiley]
18. Fang WY, **Dahiya R**, Qin HL, Mourya R, Maharaj S. Natural proline-rich cyclopolypeptides from marine organisms: chemistry, synthetic methodologies and biological status. *Marine Drugs* 2016; **14**: 194. (Impact Factor = 3.503) [PubMed]

### **Prof. Sureshwar Pandey**

#### *Papers*

1. Manikkath J, Shenoy GG, **Pandey S**, Mutalik S. Response Surface Methodology for optimization of Ultrasound- Assisted Transdermal Delivery and Skin Retention of Asenapine Maleate. *Journal of Pharmaceutical Innovation* 2019; Online Publication on 11 March 2019. <https://doi.org/10.1007/s12247-019-09386-4> (Impact Factor: 1.452) Springer.
2. Upadhyay M, Adena SKR, Vardhan H, **Pandey S**, Mishra B. Development and Optimization of locust bean gum and sodium alginate interpenetrating polymeric network of capecitabine. *Drug Development and Industrial Pharmacy*, 2017; **44**: 511-521. (Impact factor: 1.883, PubMed) Taylor & Francis.
3. Ahmad A, Khan MU, Patel I, Maharaj S, **Pandey S**, Dhingra S. Knowledge, attitude and practice of B.Sc. Pharmacy student about antibiotics in Trinidad and Tobago. *Journal of Research in Pharmacy Practice* 2015; **4**: 37-41. (doi:10.4103/2279-042X.150057)
4. Ahmad A, Khan MU, Gogoi LJ, Kalita M, Sikdar AP, **Pandey S**, Dhingra S. Japanese Encephalitis in Assam, India: Need to Increase Healthcare Workers' Understanding to Improve Health Care. *PLOS ONE* **10**: e0139648. Published: August 21, 2015. <https://doi.org/10.1371/journal.pone.0135767>. (Impact factor: 2.776)

## **Prof. Andanappa K Gadad**

### *Papers*

1. Bhongade BA, Amnerkar ND, **Gadad AK**. 3D-QSAR Studies on 4, 5-Dihydro-1H-pyrazolo [4, 3-h] Quinazolines as Plk-1, CDK2/A and Aur-A Serine/Threonine Kinase Inhibitors. *Letters in Drug Design and Discovery* 2019; **16**: In Press [doi: 10.2174/1570180816666190611161332]. (Impact Factor: 0.953)
2. **Gadad A**, Mohammed S, Sundaram V, Nayak SB, Mohammed AR, Ramnanansingh TG. Identification of Calcium, Sodium, Magnesium and Chloride Ion Levels in Hypertensive and Non-Hypertensive Trinidadians. *International Journal of Biochemistry and Molecular Biology* 2019; **10**: 17-22. [PubMed]
3. Stuart AV, Gupta MM, Pereira LMP, **Gadad AK**. Design and investigation of metformin hydrochloride-indion-254 complex for dispersible tablets. *International Journal of Pharmaceutical Investigation*. 2018; **8**: 7-13. [PubMed]
4. Patel HM, Noolvi MN, Sethi NS, **Gadad AK**, Cameotra SS. Synthesis and anti-tubercular evaluation of imidazo[2,1-b][1,3,4]thiadiazole derivatives. *Arabian Journal of Chemistry* 2017; **10**: S996-S1002. (Impact Factor: 3.298)
5. Joshi SD, More UA, Pansuriya K, Aminabhavi TM, **Gadad AK**. Synthesis and molecular modeling studies of novel pyrrole analogs as antimycobacterial agents. *Journal of Saudi Chemical Society* 2017; **21**: 42-57. (Impact Factor: 2.759)
6. Mohammed SB, **Gadad AK**, Nayak BS, Beharry V. Prognosis of the Midlife-Elderly from ECG Testing to Gastroesophageal Reflux Disease and Coronary Artery Disease. *Journal of Family Medicine and Disease Prevention* 2016; **2**: 29-33
7. Bhongade BA, Talath S, Ravikiran AG, **Gadad AK**. Biological activities of imidazo[2,1-b][1,3,4]thiadiazole derivatives: A review. *Journal of Saudi Chemical Society* 2016; **20**: S463-S475. (Impact Factor: 2.759)
8. Joshi SD, More UA, Parkale D, Aminabhavi TM, **Gadad AK**, Nadagouda MN and Jawarkar R. Design, synthesis of quinolinyl Schiff bases and azetidiones as enoyl ACP-reductase inhibitors. *Medicinal Chemistry Research* 2015; **24**: 3892–3911. (Impact Factor: 1.720)
9. Patel HM, Sing B, Bhardwaj V, Palkar M, Shaikh H, Rane R, Alwan WS, **Gadad AK**, Noolvi MN, Karpoomath R. Design, synthesis and evaluation of small molecule imidazo[2,1-b][1,3,4]-thiadiazoles as inhibitors of transforming growth factor-type-I receptor kinase (ALKS). *European Journal of Medicinal Chemistry* 2015; **93**: 599-613. (Impact Factor: 4.816)

## **Dr. Madan Mohan Gupta**

### ***Book chapter***

1. **Gupta MM**. Chapter 12: Taste Assessment Trails for Sensory Analysis of Oral Nutraceuticals Products and Functional Food. In: Selvamuthukumar M, Yashwant V Pathak YV (eds.). Flavor Development for Functional Foods and Nutraceuticals. CRC Press, Taylor and Francis Group: 2019; 217. In press. ISBN 9781138599543

### ***Papers***

1. Kumar P, Shrivastava B, **Gupta MM**, Sharma AK. Optimization and preparation of solid lipid nanoparticle incorporated transdermal patch of timolol maleate using factorial design. International Journal of Applied Pharmaceutics 2019; In Press.
2. **Gupta MM**, Gupta IK, Baboota S, Gupta M. Formulation Development and Evaluation of Orally Disintegrating Tablet of Taste Masked Azithromycin. Latin American Journal of Pharmacy 2019; **38**: 1478-84. (Impact Factor = 0.401)
3. Chatterjee A, **Gupta MM**, Srivastava B. Crystallo-co-agglomeration of Valsartan for Improved Solubility and Powder Flowability. Asian Journal of Pharmaceutics. 2018; **12**: 182-195.
4. Stuart AV, **Gupta MM**, Pereira LMP, Gadad AK. Design and investigation of metformin hydrochloride-indion-254 complex for dispersible tablets. International Journal of Pharmaceutical Investigation. 2018; **8**: 7-13.
5. Stuart AV, **Gupta MM**, Sealy P. Patients' perception of generic drugs at health institutions in Trinidad and Tobago. Journal of Young Pharmacists. 2017; **9**: 362- 6.
6. Chatterjee A, **Gupta MM**, Srivastava B. Spherical crystallization: a technique use to reform solubility and flow property of active pharmaceutical ingredients. International Journal of Pharmaceutical Investigation. 2017; **7**: 4-9. [PubMed]
7. **Gupta MM**, Gupta M. In-vitro pharmaceutical quality control testing: a comparative study of different brands of metformin tablet available in Trinidad & Tobago, West Indies. Journal of Pharmaceutical Sciences and Research. 2016; **8**: 238-43.

**Dr. Patricia Sealy**

***Papers***

1. **Sealy PI**, Ignacio DN, Legall G. Evaluative Research on Pharmacist-managed Diabetes Care: Focus on Self-monitoring of Blood Glucose. *West Indian Medical Journal* 2019; **68**: 101-7. doi:10.7727/wimj.2015.529
2. Villarroel Stuart A, Gupta MM, **Sealy P**. Patients' Perception of Generic Drugs at Health Institutions in Trinidad and Tobago. *Journal of Young Pharmacists* 2017; **9**: 362-366.
3. **Sealy PI**, Swanston WH. The Challenge to Interpret Antimicrobial Susceptibility Data at a Small Community Hospital. *American Journal of Infectious Diseases and Microbiology* 2015; **3**: 104-111, doi:10.12691/ajidm-3-3-3
4. Ignacio DN, **Sealy PI** and Clement YN. Confidence in Prescription Writing Among Junior Physicians in Trinidad and Tobago. *West Indian Medical Journal* 2015; **64**: 407-12; e-Published: 04 May, 2015, doi.org/10.7727.wimj.2014.087
5. **Sealy PI**. Team Based Learning Strategy Applied to Pharmacy Based Courses. *Journal of Pharmaceutical Care & Health Systems* 2015; **S2**: 002. doi:10.4172/jpchs.1000-S2-002
6. Villarroel Stuart A, Clement Y, **Sealy PI**, Löbenberg R, Montane-Jaime L, Maharaj RG, Maxwell A. Comparing the dissolution profiles of seven metformin formulations in Simulated Intestinal Fluid. *Dissolution Technologies* 2015; **22**: 17-21 doi:10.14227/DT220115P17

## **Dr. Sandeep Bhupendra Maharaj**

### ***Book chapter***

1. Dhingra S, **Maharaj S**, Extavour R. Chapter 17: Pharmaceutical Policy in Trinidad and Tobago. In: Babar, Z (ed). Pharmaceutical Policy in Countries with Developing Healthcare Systems. ADIS Springer International Publishing 2017. ISBN : 978-3-319-51672-1. DOI: 10.1007/978-3-319-51673-8.

### ***Papers***

1. **Maharaj S**, Seemungal T, McKee M. A Perfect Storm in the Caribbean Requires a Concerted Response. *The Lancet* 2019; **394(10207)**: P1409. (Impact Factor: 59.1)
2. Dahiya R, Kumar S, Khokra S, Gupta S, Sutariya V, Bhatia D, Sharma A, Singh S, **Maharaj S**. Toward the Synthesis and Improved Biopotential of an N-methylated Analog of a Proline-Rich Cyclic Tetrapeptide from Marine Bacteria. *Marine Drugs* 2018; **16**: 305. (Impact Factor: 4.379)
3. Kumar S, Dahiya R, Khokra SL, Mourya R, Chennupati SV, **Maharaj S**. Total Synthesis and Pharmacological Investigation of Cordyheptapeptide A. *Molecules* 2017; **22**: 682. (Impact Factor: 2.465)
4. Dahiya R, Singh S, Sharma A, Chennupati S, **Maharaj S**. First total synthesis and biological screening of a proline-rich cyclopeptide from a caribbean marine sponge. *Marine drugs*. 2016; **14**: 228. (Impact Factor: 4.379, Citation: 10)
5. Fang WY, Dahiya R, Qin HL, Mourya R, **Maharaj S**. Natural proline-rich cyclopolypeptides from marine organisms: Chemistry, synthetic methodologies and biological status. *Marine drugs*. 2016; **14**: 194. (Impact Factor: 4.379, Citation: 16)
6. Ramrekha C, Ramkhelawan A, Singh R, Solomon A, Tilluckdharry C, Ahmad A, Dhingra S, Pandey S, **Maharaj S**. Pharmacy Education in Trinidad and Tobago. *Indian Journal of Pharmaceutical Education and Research* 2015; **49**: 168-73. (Impact Factor: 0.219)
7. Ahmad A, Khan MU, Patel I, **Maharaj S**, Pandey S, Dhingra S. Knowledge, attitude and practice of B. Sc. Pharmacy students about antibiotics in Trinidad and Tobago. *Journal of Research in Pharmacy Practice*. 2015; **4**: 37. (Impact Factor: 0.599, Citation:18)
8. Ayub S, **Maharaj S**, Pandey S, Ahmad A, Umair M, Khan A, Dhingra S. Suvorexant: A New Drug in the Treatment of Insomnia. *International Journal of Pharmacology and Toxicology* 2015; **7**: 237-42. (Impact Factor: 0.28)

## **Dr. Rian Marie Extavour**

### ***Book chapter***

1. Dhingra S, Maharaj S, **Extavour R**. Chapter 17: Pharmaceutical Policy in Trinidad and Tobago. In: Babar, Z (ed). *Pharmaceutical Policy in Countries with Developing Healthcare Systems*. ADIS Springer International Publishing 2017. ISBN: 978-3-319-51672-1. DOI: 10.1007/978-3-319-51673-8.

### ***Papers***

1. **Extavour R**, Allison GA. Students' Perceptions of a Blended Learning Pharmacy Seminar Course in a Caribbean School of Pharmacy. *Currents in Pharmacy Teaching and Learning*. Available online 11 Jan 2018. doi:10.1016/j.cptl.2017.12.007. Impact Factor: 0.648 (2016). Elsevier
2. **Extavour R**, Perri M. Patient, physician and health-system factors influencing the quality of antidepressant and sedative prescribing for older, community-dwelling adults. *Health Services Research*; December 2016 (online) doi:10.1111/1475-6773.12641. February 2018; **53**: 405-429. DOI: 10.1111/1475-6773.12641. Impact Factor: 2.865. Citations: 0.
3. Allison GA, **Extavour R**. Pharmacy Students' Perceptions and Usage of an Adaptive Learning Technology (SmartBook®) in Anatomy and Physiology. *Ubiquitous Learning: An International Journal* 2017; **10**: 1-9.
4. **Extavour R**. The Caribbean network for pharmacovigilance and post-market surveillance (VIGICARIB): A technical summary of first-quarter reports. *The CAP Journal & Review*; Aug 2018; **18**: 13-21.
5. **Extavour R**, Charles J, Figueras A. Basic prescribing information in chronic disease medicine inserts in Trinidad and Tobago : A pilot study. *The CAP Journal & Review*; Aug 2017; **17**: 5-9.



## **Dr. Sameer Dhingra**

### ***Book chapter***

1. Dhingra S, Maharaj S, **Extavour R**. Chapter 17: Pharmaceutical Policy in Trinidad and Tobago. In: Babar, Z (ed). *Pharmaceutical Policy in Countries with Developing Healthcare Systems*. ADIS Springer International Publishing 2017. ISBN : 978-3-319-51672-1. DOI: 10.1007/978-3-319-51673-8.

### ***Papers***

1. Yadav M, Jindal DK, Parle M, Kumar A, **Dhingra S**. Targeting Oxidative Stress, Acetylcholinesterase, Proinflammatory Cytokine, Dopamine and GABA by Eucalyptus Oil (*Eucalyptus globulus*) to Alleviate Ketamine-induced Psychosis in Rats. *Inflammopharmacology* 2019; **27**: 301-11. (Impact Factor = 3.838, Springer, PubMed)
2. Yadav M, Parle M, Sharma N, Jindal DK, Bhidhasra A, Dhingra MS, Kumar A, **Dhingra S**. Protective effects of *Spinacia oleracea* seeds extract in an experimental model of schizophrenia: Possible behavior, biochemical, neurochemical and cellular alterations. *Biomedicine & Pharmacotherapy* 2018; **105**: 1015-25. (Impact Factor = 3.743) Elsevier
3. Yadav M, Parle M, Jindal DK, **Dhingra S**. Protective effects of Stigmasterol against ketamine-induced psychotic symptoms: Possible behavioral, biochemical and histopathological changes in mice. *Pharmacological Reports*. 2018; **70**: 591-9. (Impact Factor = 2.761) Elsevier
4. Yadav M, Jindal DK, Dhingra MS, Kumar A, Parle M, **Dhingra S**. Protective effect of gallic acid in experimental model of ketamine-induced psychosis: possible behaviour, biochemical, neurochemical and cellular alterations. *Inflammopharmacology* 2018; **26**: 413-24. (Impact Factor = 3.838, Springer, PubMed)
5. Sartelli M, Kluger Y, Ansaloni L, Hardcastle TC, Rello J, Watkins RR, Bassetti M, **Dhingra S**, et al (2018). Raising concerns about the Sepsis-3 definitions. *World Journal of Emergency Surgery* 2018; **13**: 6. (Impact Factor = 2.282)
6. Sartelli M, Labricciosa FM, Barbadoro P, Pagani L, Ansaloni L, Brink AJ, Carlet J, **Dhingra S**, Khanna A, Chichom-Mefire A, et al. The Global Alliance for Infections in Surgery: defining a model for antimicrobial stewardship—results from an international cross-sectional survey. *World Journal of Emergency Surgery* 2017; **12**: 34. (Impact Factor = 2.282)
7. Yadav M, Parle M, Sharma N, **Dhingra S**, Raina N, Jindal DK. Brain targeted oral delivery of doxycycline hydrochloride encapsulated Tween 80 coated chitosan nanoparticles against ketamine induced psychosis: behavioral, biochemical, neurochemical and histological alterations in mice. *Drug delivery* 2017; **24**: 1429-40. (Impact Factor = 6.402)

8. Kumar A, Yadav M, Parle M, **Dhingra S**, Dhull DK. Potential drug targets and treatment of schizophrenia. *Inflammopharmacology* 2017; **28**: 1-6. (Impact Factor = 3.304)
9. Sartelli M, Weber DG, Ruppé E, **Dhingra S** et al. Antimicrobials: a global alliance for optimizing their rational use in intra-abdominal infections (AGORA). *World Journal of Emergency Surgery* 2016; **11**: 33. (Impact Factor = 2.282)
10. Ahmad A, Khan MU, Malik S, Mohanta GP, Parimalakrishnan S, Patel I, **Dhingra S**. Prescription patterns and appropriateness of antibiotics in the management of cough/cold and diarrhea in a tertiary care teaching hospital. *Journal of Pharmacy & Bioallied Sciences* 2016; **8**: 335.
11. Khan MU, Hassali MA, Ahmad A, Elkalmi RM, Zaidi ST, **Dhingra S**. Perceptions and Practices of Community Pharmacists towards Antimicrobial Stewardship. *PloS One* 2016; **11**: e0149623. (Impact Factor = 2.806)
12. Ramrekha C, Ramkhelawan A, Singh R, Solomon A, Tilluckdharry C, Ahmad A, **Dhingra S**, Pandey S, Maharaj S. Pharmacy Education in Trinidad and Tobago. *Indian Journal of Pharmaceutical Education and Research* 2015; **49**: 168-73.
13. Ahmad A, Khan MU, Patel I, Maharaj S, Pandey S, **Dhingra S**. Knowledge, attitude and practice of B.Sc. Pharmacy students about antibiotics in Trinidad and Tobago. *Journal of Research in Pharmacy Practice* 2015; **4**: 37.
14. Rafi MS, Naqvi SB, Khan MU, Fayyaz M, Ashraf N, Khan MA, Ahmad A, **Dhingra S**. Evaluation of potential drug-drug interactions with antidepressants in two tertiary care hospitals. *Journal of Clinical and Diagnostic Research* 2015; **9**: FC05
15. Ahmad A, Khan MU, Gogoi LJ, Kalita M, Sikdar AP, Pandey S, **Dhingra S**. Japanese Encephalitis in Assam, India: Need to Increase Healthcare Workers' Understanding to Improve Health Care. *PloS One* 2015; **10**: e0135767. (Impact Factor = 2.806)

**Dr. Diane N. Ignacio**

***Papers***

1. Sealy PI, **Ignacio DN**, Legall G. Evaluative Research on Pharmacist-managed Diabetes Care: Focus on Self-monitoring of Blood Glucose. *West Indian Medical Journal* 2019; **68**: 101-7. doi:10.7727/wimj.2015.529
2. **Ignacio DN**, Mason KD, Hackett-Morton EC, Albanese C, Ringer L, Wagner PC, Carducci MA, et al. Muscadine grape skin extract inhibits prostate cancer cells by inducing cell-cycle arrest, and decreasing migration through heat shock protein 40. *Heliyon* 2019; **5**: e01128. Elsevier
3. Friday DP, Alleyne TA, **Ignacio DN**, Arrindell D, Rao SR, Legall G. “The Impact of Diabetes Mellitus on Oxygen Utilization by Complex IV: Preliminary Insights”. *Journal of Endocrinology and Metabolism*. 2017; **7**: 18-24.
4. Alleyne T, **Ignacio DN**, Sampson VB, Ashe D, Wilson M. “Simulating the slow to fast switch in cytochrome c oxidase catalysis by introducing a loop flip near to the enzyme's cytochrome c (substrate) binding site”. *Biotechnology and Applied Biochemistry*. 2017; **64**: 677-685. doi: 10.1002/bab.1526. (Impact Factor: 1.559) Wiley
5. Alleyne T, **Ignacio DN**, Sampson V, Ashe D. A Bio-Computing Analysis of the Resting-to-pulsed conformational Changes in cytochrome c Oxidase. *WIMJ Open* 2015; **2**: 109.
6. **Ignacio D**, Sealy P, Clement Y. Confidence in Prescription Writing among Junior Physicians in Trinidad and Tobago. *West Indian Medical Journal*. 2015; **64**: 407-412.

## **Dr. Shamjeet Singh**

### ***Papers***

1. Lewis AR, **Singh S** and Youssef FF. Cafeteria-diet induced obesity results in impaired cognitive functioning in a rodent model. *Heliyon* 2019; **5**: e01412. doi: 10.1016/j.heliyon.2019.e01412. (Impact Factor=1.23; Citations=0) Elsevier
2. Dahiya R, Kumar S, Khokra SL, Gupta SV, Sutariya VB, Bhatia D, Sharma A, **Singh S** and Maharaj S. Toward the Synthesis and Improved Biopotential of an N-methylated Analog of a Proline-Rich Cyclic Tetrapeptide from Marine Bacteria. *Marine Drugs* 2018; **16**: 305. doi: 10.3390/md16090305. (Impact Factor=4.379; Citations=1)
3. **Singh S** and Singh M. Understanding mammary activity in red-rumped agouti and implications for management and conservation of this Neotropical game species. *Brazilian Journal of Biology* 2018; **78**: 540-54. doi:10.1590/1519-6984.172814. (Impact Factor=0.783; Citations=0)
4. Nayak BS, Khan K, Kidney C, Knowles V, Koo A, Lakhan A, Lalla D, Lalloo C, Lallo SA, **Singh S**. Demographic and lifestyle factors that affect HbA1c awareness amongst type II diabetic patients in Trinidad. *Archives of Physiology and Biochemistry* 2017; **124**: 1-4. doi: 10.1080/13813455.2017.1412466. (Impact Factor=1.806; Citations=0)
5. **Singh S**, Netticadan T, Ramdath DD. Expression of cardiac insulin signalling genes and proteins in rats fed a high sucrose diet: effect of bilberry anthocyanin extract. *Genes and Nutrition* 2016; **11**: 8. doi: 10.1186/s12263-016-0516-4. (Impact Factor=2.794; Citations=2)

## **Dr. Satish Jankie**

### ***Papers***

1. **Jankie S**, Johnson J, Pinto Pereira L, Adebayo SA and Pillai G. Acute and Subacute Toxicity of Sorbitan Monostearate (Span 60) Non-ionic Surfactant Vesicles (Niosomes) in Sprague Dawley Rats. *British Journal of Pharmaceutical Research*. 2016; **14**: 2231-2919.
2. **Jankie S**, Johnson J, Rod S, Pinto Pereira L, Akpaka P, Adebayo AS and Pillai G. Determination of the Infective Dose of *Staphylococcus aureus* (ATCC 29213) and *Pseudomonas aeruginosa* (ATCC 27853) when Injected Intraperitoneally in Sprague Dawley Rats. *British Journal of Pharmaceutical Research*. 2016; **14**: 2231-2919.