

## CURRICULUM VITAE



### **Prof. Dr. Nasir Bin Mohamad** **Professor**

Fakulti Perubatan, Kampus Gong Badak, Universiti Sultan Zainal Abidin,  
Terengganu Darul Iman.

#### **Personal Information**

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<b>Email :</b>	nasirmohamad@unisza.edu.my
<b>Gender :</b>	Male
<b>D.O.B :</b>	27 May 1973
<b>Age :</b>	47
<b>Race :</b>	Malay
<b>Religion :</b>	Islam
<b>Current Scheme:</b>	VK07
<b>Started in UniSZA:</b>	01 July 2013
<b>Qualification :</b>	Doktor Falsfah Perubatan Molekul, <i>Universiti Sains Malaysia</i> , 2011.  Sarjana Perubatan Kecemasan, <i>Universiti Sains Malaysia</i> , 2006.  Ijazah Sarjana Muda Perubatan, <i>Universiti Sains Malaysia</i> , 1998.
<b>H-Index :</b>	[Scopus: 6][Google Scholar: 9]

#### **Area of Research**

Emergency medicine, clinical toxicology, addiction, Methadone maintenance therapy

#### **Work Experience**

Emergency Medicine specialist, Medical Lecturer, Researcher.

## **Administrative Responsibility**

1. Timbalan Pengarah, Institut Pembangunan (kesihatan) Masyarakat, 16 Feb 2017 - 15 Feb 2019.
2. Penyelaras ( Community Engagement), Institut Pembangunan (kesihatan) Masyarakat, 01 Jan 2018 - 31 Dec 2018.

## **Training**

## **Conferences Attended**

1. TRADITIONAL MEDICINE, PHYTOCHEMISTRY AND MEDICINAL PLANTS, Leonardo Royal Hotel Berlin Alexanderplatz, GERMANY (30 Sep 2019 - 02 Oct 2019)
2. 3rd World Congress on Traditional and Complementary Medicine, Holiday Inn Auckland Airport, NEW ZEALAND (10 Sep 2018 - 11 Sep 2018)

## **Publication**

### **Journal Article**

1. Thymoquinone: from Nigella Sativa to a Protective Pharmacological Compound in Managing Opioid Dependence and Amphetamine Type Stimulant Issues (2020), Iranian Journal of Basic Medical Sciences, pp. 849-852, ISSN: 2008-3866 [*Indexed by: ISI/Q3 - Co-author*]
2. Review Paper: Mdma and The Brain: a Short Review on The Role of Neurotransmitters in Neurotoxicity (2020), Basic and Clinical Neuroscience, pp. 381-388, ISSN: 2008126X [*Indexed by: Scopus - Co-author*]
3. Thymoquinone: from Nigellasativa to Aprotective Pharmacological Compound in Managing Opioid Dependence and Amphetamine Type Stimulant Issues (2020), Iranian Journal of Basic Medical Sciences, pp. 849-852, ISSN: 20083866 [*Indexed by: Scopus - Co-author*]
4. Mdma and The Brain: a Short Review on The Role of Neurotransmitters in Neurotoxicity (2020), Basic and Clinical Neuroscience, pp. 381-387, ISSN: 2008126X. [*Indexed by: Other Index - Main Author*]
5. Association of Sox2 Expression with Histopathological Factors of Invasive Breast Carcinoma in East Coast Malaysian Women. (2020), International Medical Journal, pp. 401-409, ISSN: 13412051 [*Indexed by: Other Index - Co-author*]
6. An Alternative Method of Induction of Type II Diabetes Mellitus in Sprague Dawley Rat (2020), Intern Med J, pp. 271-278, ISSN: IMJ-06-01-2020-124 [*Indexed by: Other Index - Co-author*]

7. Polymorphisms in The Dopamine Receptor D2 (drd2) Gene and Cold Pressor Pain Sensitivity (2019), International Medical Journal, pp. 86 - 95, ISSN: 13412051 [*Indexed by: Scopus - Co-author*]
8. Comparison of Qtc Interval Between Opioid Dependent Patients on Methadone Maintenance Therapy (mmt) and Opioid Naive Individuals (2019), International Medical Journal, pp. 96 - 100, ISSN: 13412051 [*Indexed by: Scopus - Co-author*]
9. Pink to Blue: a Preventable Pacifier Death (2019), International Medical Journal, pp. 249-253, ISSN: 13412051 [*Indexed by: Other Index - Co-author*]
10. Study on Drug Addiction and Domestic Violence in Kuala Nerus (2019), World Journal of Pharmaceutical and Life Sciences, pp. 208-214, ISSN: ISSN 2454-2229 [*Indexed by: Other Index - Main Author*]
11. Manzil Verses and Tranquilizing Effect in Opiate Dependents (2019), Malaysian Journal for Islamic Studies, pp. 12-26, ISSN: 2550-2042 [*Indexed by: Other Index - Co-author*]
12. Hubungan Antara Penagihan Dadah Dengan Keganasan Rumah Tangga (2019), Jurnal Undang-Undang dan Masyarakat, pp. 7-13, ISSN: 2735-1270 [*Indexed by: Other Index - Main Author*]
13. Anxiolytic Effects of Thymoquinone in The Rats Exposed to Mdma (2019), International Medical Journal, pp. 13, ISSN: 13412051 [*Indexed by: Other Index - Main Author*]
14. Hubungan Antara Penagihan Dadah Dengan Keganasan Rumah Tangga (the Relationship Between Drug Addiction and Domestic Violence) (2019), Jurnal Undang-Undang dan Masyarakat, pp. 13, ISSN: 1394-7729 [*Indexed by: Other Index - Main Author*]
15. Manzil Verses and Tranquilizing Effect in Opiate Dependents (2019), Malaysian Journal for Islamic Studies, pp. 12-26, ISSN: 2550-2042 [*Indexed by: Other Index - Co-author*]
16. In-Vitro Study: Camp Overshoot Caused by Chronic Morphine Alleviated by The Synergistic Combination of Zamzam Water and Methadone in Human Primary Glioblastoma Cell Line (u-87 Mg) (2019), International Medical Journal Malaysia, pp. 47-52, ISSN: 18234631 [*Indexed by: ISI - Main Author*]
17. A Review on Opioid Dependence, Mechanism and Treatments Used: Option of Treatments: Modern Versus Alternative Medicine (2019), Bangladesh Journal of Medical Science, pp. 171-177, ISSN: 22234721 [*Indexed by: ISI - Co-author*]
18. Development of an Amperometric Glucose Biosensor Based on The Immobilization of Glucose Oxidase on The Se-McM-41 Mesoporous Composite (2018), Journal of Analytical Methods in Chemistry, pp. 1-2, ISSN: 20908865 [*Indexed by: ISIQ3 - Co-author*]
19. Relationship Between Serum Methadone Concentration and Cold Pressor Pain Sensitivity in Patients Undergoing Methadone Maintenance Therapy (2018), Iranian Journal of Pharmaceutical Research, pp. 8-16, ISSN: 1735-0328 [*Indexed by: ISIQ4 - Co-author*]
20. An Application of Healing Verses (as-Syifa Verses) as Therapy Approach to Reduce Stress in Drug Addiction (2018), International Journal of Civil Engineering and Technology, pp. 165-173, ISSN: 09766308 [*Indexed by: Scopus - Co-author*]
21. Holistic Psycho-Spiritual Approach to Enhance The Effectiveness of Methadone Maintenance Therapy (mmt) (2018), Research Journal of Pharmacy and Technology, pp. 1316-1318, ISSN: 1316-1318 [*Indexed by: Scopus - Main Author*]
22. Family Support Indices for Substance Abuser in Terengganu (2018), International Journal of Engineering & Technology(uae), pp. 2655-2662, ISSN: 2227524X [*Indexed by: Scopus - Co-author*]
23. Attenuation of Morphine-Induced Camp Overshoot by Thymoquinone in Opioid Receptor Expressing Cells (u87 Mg) Mediated by Chronic Morphine Treatment (2018), Journal of Engineering and Applied Sciences, pp. 8906-8911, ISSN: 1816949X [*Indexed by: Scopus - Main Author*]

24. Cold-Pressor Pain Responses in Healthy Opioid-Naive Males of Malay Ethnicity (2018), International Medical Journal, pp. 296-298, ISSN: 13412051 [*Indexed by: Scopus - Co-author*]
25. Cyp2d6 Gene Polymorphisms and Cold Pressor Pain Sensitivity Among Malay Males (2018), International Medical Journal, pp. 157-162, ISSN: 157-162 [*Indexed by: Scopus - Co-author*]
26. Implementation of Repentance: The Basic Changes in Drug Addicts (2018), International Journal of Academic Research in Business and Social Sciences, pp. 706-715, ISSN: 2222-6990 [*Indexed by: ERA - Co-author*]
27. Therapeutic Potential of Pomegranate Antioxidant Compounds in Ameliorating Opiate Addiction (2018), The Pharma Innovation Journal, pp. 668-672, ISSN: 2277- 7695 [*Indexed by: Other Index - Co-author*]
28. Effects of Zamzam Water and Methadone on The Expression of Mu-Opioid Receptor-1 Gene in Morphine-Dependent Rats After Chronic Morphine Administration (2018), African Journal of Traditional, Complementary and Alternative Medicine, pp. 19-25, ISSN: 0189-6016 [*Indexed by: Other Index - Main Author*]
29. Nigella Sativa Effects on Neurotransmitter Systems: Potential Treatment for Drug Tolerance and Dependence (2018), International Journal of Pharmaceutical Research & Allied Sciences., pp. 196-200, ISSN: 2277-3657 [*Indexed by: Other Index - Co-author*]
30. Protective Effects of Thymoquinone on The Mdma Induced Cerebrospinal Fluid Serotonin Depletion in Rats (2018), Transylvanian Review, pp. 7599-7606, ISSN: 1221-1249 [*Indexed by: Other Index - Main Author*]
31. The Effects of Mdma on Brain: an in Vivo Study in Rats (2018), International Journal of Pharmaceutical Research & Allied Sciences, pp. 126-137, ISSN: 2277-3657 [*Indexed by: ISI - Co-author*]
32. Honey Potentially Mitigate Morphine Analgesic Tolerance and Physical Dependence in Rats (2018), Bangladesh Journal of Medical Science, pp. 138-143, ISSN: 2223-4721 [*Indexed by: ISI - Main Author*]
33. Cytotoxicity and Antifungal Properties of Hydroxychavicol Against Trichophyton Rubrum (2018), International Medical Journal Malaysia, pp. 31-36, ISSN: 18234631 [*Indexed by: ISI - Main Author*]
34. Potential Therapeutic Effects of Thymoquinone on Treatment of Amphetamine Abuse (2018), Asian Pacific Journal of Tropical Biomedicine, pp. 187-188, ISSN: 22211691 [*Indexed by: ISI - Co-author*]
35. Abcb1 Polymorphisms and Cold Pressor Pain Responses: Opioid-Dependent Patients on Methadone Maintenance Therapy (2017), Nursing Research, pp. 134-144, ISSN: 00296562 [*Indexed by: ISIQ1 - Main Author*]
36. Controlled Release of Lysozyme from Double-Walled Poly(lactide-Co-Glycolide) (plga) Microspheres (2017), Polymers, pp. 485-486, ISSN: 20734360 [*Indexed by: ISIQ1 - Co-author*]
37. Relationship Between Abcb1 Polymorphisms and Cold Pain Sensitivity Among Healthy Opioid-Naive Malay Males (2017), Pain Practice, pp. 930-940, ISSN: 15307085 [*Indexed by: ISIQ2 - Main Author*]
38. Evaluation of Socioeconomic Status on Drug Addicts (2017), International Journal on Advanced Science, Engineering and Information Technology, pp. 2122-2130, ISSN: 2088-5334 [*Indexed by: Scopus - Co-author*]
39. Potential Use of Cerebrospinal Fluid Serotonin Level as a Marker of Neuronal Injury After Exposure to 3, 4-Methylenedioxymethamphetamine (2017), Journal of Applied Pharmaceutical Science, pp. 252-253, ISSN: 22313354 [*Indexed by: Scopus - Co-author*]
40. Effects of Zamzam Water Alone or in Combination with Methadone on Attenuation of

- Spontaneous Withdrawal Symptoms in Morphine-Dependent Rats: a Behavioural Study (2017), *Advanced Science Letters*, pp. 4492-4495, ISSN: 19366612 [*Indexed by: Scopus - Main Author*]
41. Ultra-Morphological Changes of *Trichophyton Rubrum* Treated with Hydroxychavicol (2017), *International Medical Journal Malaysia*, pp. 65-71, ISSN: 18234631 [*Indexed by: Scopus - Main Author*]
  42. Healing Verses (as-Syifa Verses): a Proposed Novel Therapy Approach to Reduce Stress in Drug Addiction (2017), *Research Journal of Pharmacy and Technology*, pp. 39-39, ISSN: 0974-3618 [*Indexed by: Other Index - Co-author*]
  43. Thymoquinone Regulates Gene Expression Levels in Morphine Addiction Pathways in Opioid Receptor Expressing Cells (u87 Mg) (2017), *Electronic Journal of Biology*, pp. 167-172, ISSN: 1860-3122 [*Indexed by: Other Index - Main Author*]
  44. Effect of Tualang (*apis Dorsata*) Honey on Development of Morphine Tolerance in Rats (2017), *Electronic Journal of Biology*, pp. 80-85, ISSN: 1860-3122 [*Indexed by: Other Index - Main Author*]
  45. Addiction and Islamic Based Therapy in Malaysia (2017), *Man in India*, pp. 233-239, ISSN: 0025-1569 [*Indexed by: Other Index - Main Author*]
  46. Developing an Index Based on Gis and Statistical Analysis for Family Support of Substance Abuser in Terengganu (2017), *Malaysian Journal of Applied Sciences*, pp. 45-54, ISSN: 0127-9246 [*Indexed by: Other Index - Co-author*]
  47. Pharmacist-Strengthen Adherence to Antiretroviral Therapy and The Contributing Factors Among Hiv-Infected Paediatric Patients in Nigeria (2017), *Bangladesh Journal of Medical Science*, pp. 281-288, ISSN: 22234721 [*Indexed by: ISI - Main Author*]
  48. Relationship Between *Abcb1* Polymorphisms and Serum Methadone Concentration in Patients Undergoing Methadone Maintenance Therapy (mmt) (2016), *American Journal of Drug and Alcohol Abuse*, pp. 587-596, ISSN: 00952990 [*Indexed by: ISIQ2 - Main Author*]
  49. Relationship Between *Cyp2b6* and Cold Pressor Pain Sensitivity in Opioid Dependent Patients on Methadone Maintenance Therapy (mmt) (2016), *Drug and Alcohol Dependence*, pp. 143-150, ISSN: 03768716 [*Indexed by: ISIQ2 - Main Author*]
  50. Comparison of Pain Tolerance Between Opioid Dependent Patients on Methadone Maintenance Therapy (mmt) and Opioid Naive Individuals (2016), *Journal of Pharmacy and Pharmaceutical Sciences*, pp. 127-136, ISSN: 1482-1826 [*Indexed by: ISIQ3 - Main Author*]
  51. Demographic Profiles and Sleep Quality Among Patients on Methadone Maintenance Therapy (mmt) in Malaysia (article) (2016), *Pakistan Journal of Pharmaceutical Sciences*, pp. 239-246, ISSN: 1011601X [*Indexed by: ISIQ4 - Main Author*]
  52. *118a>g* and *Ivs2+691g>c* Polymorphisms of *Oprm1* Gene Have No Influence on Cold-Pain Sensitivity Among Healthy Opioid-Naive Malay Males (2016), *International Journal of Pharmacy and Pharmaceutical Sciences*, pp. 73-80, ISSN: 09751491 [*Indexed by: Scopus - Main Author*]
  53. Sleep Quality in Opioid-Naive and Opioid-Dependent Patients on Methadone Maintenance Therapy in Malaysia (2016), *Turkish Journal of Medical Sciences*, pp. 1743-1748, ISSN: 13000144 [*Indexed by: Scopus - Main Author*]
  54. Don't Dismiss Snoring as "natural" (2016), *Bangladesh Journal of Medical Science*, pp. 305-306, ISSN: 22234721 [*Indexed by: Scopus - Main Author*]
  55. Traumatic Motor Vehicle Accidents of Malaysia: Implications of Illicit Drugs Use (2016), *International Medical Journal*, pp. 192 - 194, ISSN: 1341-2051 [*Indexed by: Scopus - Main Author*]
  56. Association Between Perceived Sleep Disorders and Sleeprelated Factors Among Patients on Methadone Maintenance Therapy (mmt) in Malaysia (2016), *International Medical Journal*,

- pp. 134 - 137, ISSN: 1341-2051 [*Indexed by: Scopus - Main Author*]
57. Role of Zamzam Water as a Vital Mineral Supplement in The Treatment of Opioid Dependence and Tolerance: a Review (2016), Research Journal of Pharmacy and Technology, pp. 957-963., ISSN: 0974-360X [*Indexed by: Other Index - Co-author*]
  58. The Effect of Thymoquinone on Concentration of Human Mu-Opioid Receptors Mediated by Chronic Morphine Treatment in Opioid Receptor Expressing Cell (u87 Mg) (2016), Acta Bioethica, pp. 1086-1095, ISSN: 0717-5906 [*Indexed by: Other Index - Co-author*]
  59. Zamzam Water: Influence of Containers on Ionic Concentration and In-Vitro Cytotoxic Effects on U87 Cell Line (2016), Malaysian Journal of Applied Sciences, pp. 68-72, ISSN: 0127-9246 [*Indexed by: Other Index - Co-author*]
  60. The Ac/ag Diplotype for The 118a>g and lvs2 + 691g>c Polymorphisms of Oprm1 Gene is Associated with Sleep Quality Among Opioiddependent Patients on Methadone Maintenance Therapy (2016), Pain and Therapy, pp. 1-12, ISSN: 2193-651X [*Indexed by: ISI - Main Author*]
  61. Maternal Opioid Addiction Results in Permanent Memory Loss of Off-Springs: Are We Aware? (2016), Bangladesh Journal of Medical Science, pp. 499-501, ISSN: 22234721 [*Indexed by: ISI - Main Author*]
  62. Relationship Between Cold Pressor Pain-Sensitivity and Sleep Quality in Opioid-Dependent Males on Methadone Treatment (2015), Peerj, pp. 839-850, ISSN: 21678359 [*Indexed by: ISIQ1 - Co-author*]
  63. Population Differences in The Genetic Polymorphism of Cyp2b6 May Impact on The Pharmacology of Mmt (2015), Public Health Genomics, pp. 12-12, ISSN: 1662-4246 [*Indexed by: ISIQ1 - Co-author*]
  64. No Association of Polymorphisms in The Dopamine Receptor D2 (drd2) Gene with Cold Pressor Pain Sensitivity Among Healthy Malay Males (2015), Public Health Genomics, pp. 30-31, ISSN: 1662-4246 [*Indexed by: ISIQ1 - Co-author*]
  65. Analgesic Effect of Honey Bioactive Compounds and Its Role in Reducing Morphine Tolerance (2015), Journal of Applied Pharmaceutical Science, pp. 146-150, ISSN: 22313354 [*Indexed by: Scopus - Co-author*]
  66. A Review on Medicinal Properties of Nigella Sativa Linn and Its Role in Opioid Addiction (2015), Journal of Medicine and Medical Sciences, pp. 1-5, ISSN: 2354-323X [*Indexed by: Other Index - Main Author*]
  67. Opiate Dependence and Withdrawal: Role of Oxidative Stress in Opiate Regulations (2015), Bangladesh Journal of Medical Science, pp. 215-216, ISSN: 22234721 [*Indexed by: ISI - Co-author*]
  68. Opioid Dependence and Substitution Therapy: Thymoquinone as Potential Novel Supplement Therapy for Better Outcome for Methadone Maintenance Therapy Substitution Therapy (2014), Iranian Journal of Basic Medical Sciences, pp. 926-928, ISSN: 20083866 [*Indexed by: ISIQ4 - Co-author*]
  69. Simultaneous Detection of Multiple Polymorphisms in Cyp2b6 and Oprm1 by Nested Pcr: a Good Approach for Patients on Methadone (2014), International Journal of Pharmacy and Pharmaceutical Sciences, pp. 215-222, ISSN: 09751491 [*Indexed by: Scopus - Co-author*]
  70. Post Millennium Preference of Substance Abuse Among Teenagers: Fast and Furious (2014), Journal of Applied Pharmaceutical Science, pp. 131-132, ISSN: 22313354 [*Indexed by: Scopus - Co-author*]
  71. Preference of Teaching and Learning Methods in a New Medical School of Malaysia (2014), Journal of Applied Pharmaceutical Science 4 (2), Pp., pp. 48-55, ISSN: 22313354 [*Indexed by: Scopus - Co-author*]
  72. Molecular Genetics in Opiotd Addictions (2014), Bulletin of The Genetics Society of Malaysia,

- pp. 57-59, ISSN: 1394-5750 [*Indexed by: Other Index - Co-author*]
73. Objective Pain Sensitivity Affects Sleep Quality in Opioid Dependent Males on Methadone Maintenance Therapy (2014), Peerj Preprints, pp. 1-19, ISSN: 2167-9843 [*Indexed by: Other Index - Co-author*]
74. Potential of Therapeutic Antioxidant Compounds from Pomegranate as Anti-Cancer Agent (2014), Journal of Chemical and Pharmaceutical Research, pp. 427-433, ISSN: 0975-7384 [*Indexed by: Other Index - Co-author*]
75. Nutritional Status and Quality of Life During Ramadan Among Higher Instituti on Learning Centre Staffs with Different Body Weight Status . (2014), World Journal of Pharmaceuticals Research, pp. , ISSN: 2277-7105 [*Indexed by: Other Index - Co-author*]
76. An Application of Moderately T2-Weighted 3d Tse-Fs Pulse Sequence to Mri Myelography in Investigation of Patient with Cervical Spondylotic Radiculopathy (2013), Journal of Applied Pharmaceutical Science, pp. 029-034,, ISSN: 2231-3354 [*Indexed by: Scopus - Co-author*]
77. The Risk of Accidental Chemical Poisoning Cases Among Children (?12 Years Old) Admitted to Hospital University Sains Malaysia: 5 Years Review (2013), Journal of Applied Pharmaceutical Science, pp. , ISSN: [*Indexed by: Other Index - Co-author*]

## **Book**

1. Modul I-Tgm: Modul Psiko-Spiritual (2018), Penerbit UniSZA, ISBN: 978-967-2231-07-3 - **Main Author**
2. Basic Life Support: a Guides for Life Support Provider (2015), Penerbit UniSZA, ISBN: 978-967-0899-11-4 - **Co-author**
3. Methadone Maintenance Therapy (2014), Penerbit Universiti sultan zainal abidin, ISBN: 978-983-9842-79-1 - **Main Author**
4. Kualiti Hidup: Pendekatan Maqasid Syariah (2014), Penerbit Universiti sultan zainal abidin, ISBN: 978-983-9842-81-4 - **Co-author**
5. Terapi Penggantian Metadon: Penderitaan Kebergantungan Opiat Yang Boleh Diubati (2014), Penerbit Universiti sultan zainal abidin, ISBN: 978-983-9842-86-9 - **Main Author**

## **Chapter in Book**

1. Model Terapi Psikospiritual Berdasarkan Al-Quran Terhadap Klien Kebergantungan Opiat Yang Menjalani Terapi Gantian Metadon (tgm), Qur'anic Research Interaction of Knowledge, Science and Civilization (2016), CENTRE OF QURANIC RESEARCH (CQR), UM, pp. 175-185, ISBN: 978-967-0882-07-9 - **Co-author**
2. Pengurusan Tekanan Dalam Individu Yang Bergantung Kepada Dadah Yang Menjalani Terapi Penggantian Metadon, Terapi Penggantian Metadon: Penderitaan Kebergantungan Opiat Yang Boleh Diubati. (2014), Penerbit Unisza, pp. 87-95, ISBN: 9789839842969 - **Main Author**
3. Bingkisan Kisah Dari Pengalaman Sebenar, Terapi Penggantian Metadon (2014), Penerbit Universit Sultan Zainal Abidin , pp. 97-110, ISBN: 978-983-9842-86-9 - **Main Author**
4. Terapi Psikososial, Terapi Penggantian Metadon (2014), Penerbit Universit Sultan Zainal Abidin , pp. 67-87, ISBN: 978-983-9842-86-9 - **Co-author**
5. Prinsip Pengurangan Kemudaratan dan Peranan Metadon Dalam Tpm, Terapi Penggantian Metadon (2014), Penerbit Universit Sultan Zainal Abidin , pp. 55-66, ISBN: 978-983-9842-86-9 - **Main Author**
6. Opioid dan Implikasi Terhadap Pembangunan Insaniah, Terapi Penggantian Metadon (2014), Penerbit Universit Sultan Zainal Abidin , pp. 41-48, ISBN: 978-983-9842-86-9 - **Main Author**

7. Ketagihan dan Sejarah Kewujudan Dalam Sejarah Tamadun Manusia, Terapi Penggantian Metadon (2014), Penerbit Universiti Sultan Zainal Abidin, pp. 21-30, ISBN: 978-983-9842-86-9 - **Main Author**

## Conference Proceedings

1. Effects of Thymoquinone on Neurotoxic Rats Induced by 3,4-Methylenedioxymethamphetamine (2019), Persidangan Nusantara Ke-3, Isu-Isu Perubatan Menurut Perspektif Islam, The Zenith Hotel, Kuantan, Pahang - **Main Author**
2. Thymoquinone Effects on Dopamine Level and Lactate Dehydrogenase Activity in Differentiated Sh-Sy5y Cells Exposed to Amphetamine (2019), Persidangan Nusantara Ke-3, Isu-Isu Perubatan Menurut Perspektif Islam, The Zenith Hotel, Kuantan, Pahang - **Co-author**
3. Prophetic Medicine in Substance Abuse Therapy: an Updated Review on The Roles of Thymoquinone in Opioid Dependence and Amphetamine Type Stimulant Issues (2019), 3rd Nusantara Conferences 2019 on Medical Issues from Islamic Perspective, Sultan Ahmad Shah International Convention Centre, Hotel Zenith, Kuantan, Pahang - **Co-author**
4. Mechanism of Actions of Hydroxychavicol as an Antifungal Agent Against Trichophyton Rubrum (2017), Pahang Research Day, Hospital Tengku Ampuan Afzan - **Main Author**
5. 'hydroxychavicol as an Antifungal Agent Against Trichophyton Rubrum (2017), Terengganu Research Day, Hotel Regency Waterfront Trg - **Main Author**
6. Healing Verses (as-Syifa Verses): a Proposed Novel Therapy Approach to Reduce Stress in Drug Addiction (2017), International Community Health Conference, Faculty of Medicine, Unisza - **Co-author**
7. Principles of Psychospiritual Intervention in Addiction Therapy: an Islamic Perspective. (2016), International Drug Prevention and Rehabilitation Conference 2016 (prevent 2016), Royal Malaysian Police College, Kuala Lumpur, Malaysia - **Co-author**
8. Model Terapi Psikospiritual Berdasarkan Al-Qur'an Terhadap Klien Kebergantungan Opiat Yang Menjalani Terapi Gantian Metadon (tgm) (2016), 6th Annual International Qur'anic Conference 2016 (muqaddas Vi), University of Malaya, Kuala Lumpur, Malaysia - **Co-author**
9. Pembangunan Modul S-Tgm Bagi Mengurus Stres Dalam Kalangan Peserta Terapi Gantian Metadon (tgm) (2015), World Islamic Social Science Congress, Picc, Putrajaya - **Co-author**
10. Rindu Aras Tinggi Dari Dimensi Psikospiritual Islam: Terapi Menangani Ketagihan Dadah. (2015), International Conference on Addiction Science 2015,, Unisza - **Co-author**

## Research Grant

### Principal Investigator

1. Neuroprotective Effects of Thymoquinone on 3, 4 Methylenedioxymetamphetamine (mdma or Ecstasy)-Induced Rat Model, Skim Geran Penyelidikan Fundamental - Frgs, Government (2018), **Grant Value: RM181,200**
2. An Intelligent Dispensing Machine (i-Dispenser), Geran Dalaman Universiti, University (2017), **Grant Value: RM30,000**
3. The Effect of Bioactive Compound in Honey Towards Morphine Tolerance in Morphine Dependent Rat Model, Frgs, Government (2014), **Grant Value: RM100,000**



4. Pembinaan I-Tgm Bagi Pengekalan Pemulihan Penagihan Opiat, Skim Geran Penyelidikan Nic - Nrgs, Government (2013), **Grant Value: RM2,500,000**
5. Pembangunan Modul Itgm Bagi Pengekalan Pemulihan Penagihan Opiat, Skim Geran Penyelidikan Nic - Nrgs, Government (2013), **Grant Value: RM2,500,000**
6. Molecular Effects of Lnduced-Diabetic Sprague Dawley Treated with Palm Tocotrienol Rich Fraction (trf) and Alpha{ocopherol (atf) on Neurobehavioral Activities and Mrmexpression Level of Relatedgenes, Frgs, Government (2013), **Grant Value: RM180,000**

### **Co-Researcher**

1. Deciphering The Role of Sox2 Gene in Breast Cancer in Malaysian Population., Skim Geran Penyelidikan Fundamental - Frgs, Government (2015), Grant Value: **RM189,200**
2. Characterization of Bio Active Molecules from Pomegranate (punica Granatum) Extract to Regulate Mu Opioid Receptors; Towards Developing a Novel Non-Opioid Substitution Therapy for Morphine Dependents, Skim Geran Penyelidikan Fundamental - Frgs, Government (2014), Grant Value: **RM200,000**
3. Mechanism of Action of Hydroxychavicol as Antifungal Agent on Trichophyton Rubrum Isolated from Immunocompromised Opiate-Dependent Individuals, Skim Geran Penyelidikan Fundamental - Frgs, Government (2014), Grant Value: **RM115,800**
4. Identifitication of Thymoquinone as a Supplement for Opioid Substitution Therapy in Morphine Dependent Rats, Skim Geran Penyelidikan Fundamental - Frgs, Government (2014), Grant Value: **RM114,500**
5. The Effects and Mechanism Actions of Active Compound from Piper Betel (daun Sireh) on Trichophyton Rubrum and Malassezia Furfur, Dana Pembudayaan Penyelidikan - Rags, Government (2014), Grant Value: **RM75,000**
6. Pembinaan Model Kualiti Hidup Pendekatan Maqasid Shariah (i-Qol), Geran Agensi Luar, Government (2013), Grant Value: **RM1,455,700**

## **Postgraduate Student**

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### **Main Supervision**

1. [PhD ] Siti Norhajah Binti Hashim, Malaysia, - **Ongoing**
2. [PhD ] Wan Halim Bin Wan Hassan, Malaysia, - **Ongoing**
3. [PhD ] Mohd Nazri Bin Mohd Daud, Malaysia, - **Ongoing**
4. [PhD ] Nor Sulfiana Binti Mustafa, Malaysia, - **Ongoing**
5. [MASTER] Rohanita Binti Ngah, Malaysia, - **Ongoing**
6. [MASTER] Amin Hamzah Bin Mustafha, Malaysia, - **Ongoing**
7. [PhD ] Norziah Binti Sarudin, Malaysia, - **Ongoing**
8. [PhD ] Mohammad Habibur Rahman Khan, Bangladesh, - **Completed**
9. [PhD ] Liyana Hazwani Binti Mohd Adnan, Malaysia, - **Completed**
10. [PhD ] Mohamad Halim Bin Mohamad Shariff, Malaysia, - **Completed**
11. [PhD ] Muhd Ridzuan Bin Pauzi, Malaysia, - **Completed**
12. [PhD ] Holifa Saheera Binti Asmara, Malaysia, - **Completed**
13. [MASTER] Nur Husna Binti Zakaria, Malaysia, - **Completed**

14. [MASTER] Victor A/I Isaacs, Malaysia, - **Completed**
15. [MASTER] Nor Suliana Binti Mustafa, Malaysia, - **Completed**

## Co Supervision

1. [PhD ] Mohd Khairi Bin Zahri @ Johari, Malaysia, - **Ongoing**
2. [PhD ] Siti Nor Fazillah Binti Abdullah, Malaysia, - **Completed**
3. [PhD ] Zulfa Izza Binti Mohamed @ Hashim, Malaysia, - **Completed**
4. [MASTER] Idris Aliyu Masaud, Nigeria, - **Completed**
5. [MASTER] Ibrahim Haruna Sani, Nigeria, - **Completed**
6. [MASTER] Fatin Haniza Binti Zakaria, Malaysia, - **Completed**

## Awards

1. Gold Achievement Ria 2019 (2019), I-Dispenser, Research & Innovation Award 2019 - **Leader**
2. Gold Medal Mte 2019 (2019), Dermacol, Malaysia Technology Expo (mte) - **Member**
3. Anugerah Kik (2018), Meditech, Konvensyen Kumpulan Inovatif dan Kreatif (kik) - **Leader**
4. Graduate on Time Award 2018 (2018), Main Supervisor Graduate on Time Award 2018, Unisza - **Leader**
5. Bronze Medal Anugerah Harta Intelek Negara 2018 (2018), Automated Liquid Drug Dispenser, Anugerah Harta Intelek Negara 2018 Kategori Paten - **Leader**
6. Bronze Medal Anugerah Harta Intelek Negara 2018 (2018), Automated Liquid Drug Dispenser, Anugerah Harta Intelek Negara 2018 (kategori Paten) - **Leader**
7. Silver Medal Mte 2018 (2018), Nuzadone : a Combination of Functional Food for Methadone Maintenance Therapy Program Client, Malaysia Technology Expo 2018 - **Leader**
8. Gold Medal Mte 2018 (2018), I-Dispenser: an Intelligent Dispensing Machine, Malaysia Technology Expo 2018 - **Leader**
9. Pingat Emas Konvensyen Team Excellence Wilayah Pantai Timur (2017), I-Dispenser, Konvensyen Team Excellence Wilayah Pantai Timur - **Leader**
10. Johan Keseluruhan Konvensyen Inovasi Kreatif (kik) Peringkat Universiti Awam Ke-13 (2017), I-Dispenser, Konvensyen Inovasi Kreatif (kik) Peringkat Universiti Awam Ke-13 - **Leader**
11. Gold Medal Siif 2017 (2017), I-Dispenser : an Intelligent Dispensing Machine, Seoul International Invention Fair (siif) 2017 - **Leader**
12. Special Award Siif 2017 (2017), I-Dispenser : an Intelligent Dispensing Machine, Seoul International Invention Fair (siif) 2017 - **Leader**
13. Gold Medal Pecipta 2017 (2017), Methadone Dispensing Technology (meditech) (i-Dispenser), Pecipta 2017 - **Leader**
14. Gold Medal Mpi 2016 (2016), I-Dispenser, Mpi 2016 - **Leader**
15. Gold Medal Mpi (2016), I-Tgm Module for Opiate Dependenceamong Methadonemaintenance Therapy (mmt) Clients, Mpi 2016 - **Leader**
16. Silver Medal Mpi 2016 (2016), Nuzadone, Mpi 2016 - **Leader**
17. Gold Itex 2016 (2016), I-Dispenser, Itex 2016 - **Leader**

## Intellectual Property

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1. I-Qalbu (2018), Trade Mark - **Owner**
2. I-Tgm (2018), Trade Mark - **Owner**
3. Nuzadone (2018), Copyright - **Owner**
4. Nuzadone (2018), Trade Mark - **Owner**
5. Automated Liquid Drug Dispenser (2017), Patent - Filed - **Owner**
6. I-Dispenser (2017), Trade Mark - **Owner**
7. L-Dispenser (2016), Copyright - **Owner**

## Professional Membership

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1. Member, Member of Academy of Medicine of Malaysia, 2016-2018
2. Consultancy/perundingan, Emergency Medical Consultant for Bayamedic Services Sdn. Bhd. (east Coast Region - Coverage for Oil & Gas Operation), 2015-2017
3. Member, Member of The American College of Clinical Pharmacology, 2011-2016

## Academic Ecosystem

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1. Member, Life Member - Persatuan Alumni Doktor Usm (padu), 2006-2030
2. Consultancy/perundingan, Pakar Perunding Perubatan Kecemasan di Klinik Amara, Kerteh, 2019-2022
3. Expert/pakar Rujuk, Pakar Bidang Penyelidikan di Bawah Geran Penyelidikan & Inovasi Kuis, 2018-2020
4. Expert/pakar Rujuk, Panel Tanyadoktor.com, 2020-2020
5. Committee, Ajk Pembangunan Modul Konsep Bagi Penubuhan Pusat Pemulihan Dadah Secara Holistik, Terengganu Strategic and Integrity Institute (tsis), 2020-2020
6. Speaker/trainer, Tazkirah Masjid Nur Bakti, Wakaf Tembesu, 2020-2020
7. Keynote Speaker, Keynote Speaker - 2nd National and International Conference on Islamic Education and Education, 2019-2019
8. Speaker/trainer, Tazkirah Masjid Nur Bakti, Wakaf Tembesu, 2019-2019
9. Committee, Naib Yang Dipertua Jawatankuasa Induk Pertubuhan Kebajikan Permuafakatan Pibg Sekolah-Sekolah Menengah Imtiaz Yayasan Terengganu 2019, 2019-2019
10. Speaker/trainer, Speaker - Professional Researcher Path, Prince of Songkla University, Thailand, 2019-2019
11. Editor, Editor - Malaysian Journal of Applied Sciences (myjas), Unisza, 2017-2018
12. Participant, Peserta - Program Khidmat Komuniti Kg. Awang Lib, Kuala Nerus, Terengganu / Kerjasama Umt & I-Code Unisza, 2018-2018
13. Participant, Peserta - Majlis Perasmian Program Go Green Go Health / Unisza dan Umt, 2018-2018
14. Speaker/trainer, Penceramah 'seminar Rawatan Ketagihan Dadah, Alkohol & Nikotin di Malaysia', Um, 2018-2018

15. Speaker/trainer, Speaker in Neurosurgical Emergencies Conference 2018, 2018-2018
16. Guest Speaker, Invited Speaker in Asia Pacific Neurofeedback / Biofeedback Conference, 2018-2018
17. Speaker/trainer, Speaker - 2nd International Conference in Addiction Science: Holistic Approach to Management of Drug Misuse and Dependence (icas 2018), 2018-2018
18. Speaker/trainer, Speaker - International Conference on Infectious Diseases (uicid) 2018, 2018-2018
19. Speaker/trainer, Penceramah Seminar Pengurusan Hospital Kebangsaan 2018, 2018-2018
20. Committee, Ahli Jawatankuasa Pelaksana International Conference on Infectious Diseases (uicid) 2018, 2018-2018
21. Visiting Professor, Guest Professor in Yenepoya University, Mangalore, Karnataka, India, 2015-2015
22. Expert/pakar Rujuk, Usm, 2014-2014
23. Expert/pakar Rujuk, Universiti Malaya, 2014-2014
24. Others, Moderator Akept, 2014-2014
25. Examiner, Universiti Kebangsaan Malaysia, 2014-2014
26. Examiner, Universiti Sains Malaysia, 2014-2014

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