

## **PUBLICATIONS IN REFERED JOURNALS:**

### **I. BOOK CHAPTER:**

**Hassan NM**, Tada M, Shindo M, Hamada J, Kashiwazaki H, Inoue N and Sasaki A, p53 mutation and multiple primary carcinomas, in: Ogbureke K UE (ed), **Oral Cancer**, Intech Open access publisher, 2012, ISBN 978- 953-51-0228-1.

### **II. SCIENTIFIC JOURNALS:**

**2016**

1. **Hassan NMM**, Dhillon A, Huang B, Cleidocranial dysplasia: clinical overview and genetic considerations , **Pediatric Dental Journal**, April, 2016 accepted 11 April 2016, Available online 6 May 2016.
2. Shibata A, Ibaragi S, Mandai H, Tsumura T, Kishimoto K, Okui T **Hassan NMM**, Shimo T, Omoroi K, Hu G-F, Takashiba S Suga S and Sasaki A, Synthetic terrein inhibits progression of head and neck cancer by suppressing angiogenin production, **Anti cancer research**, 36(5):2161-8, 2016.

**2015**

3. ZACHAR JJ., SADR A., **HASSAN NM**, and AKTHER R Root canal treatment success factors in regional Australia from 2009- 2014: a retrospective study. **Australia Dental Journal July**, 2015.

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4. **Hassan NMM**, Painter N, CD i Girolamo N, Howlett R, Farrell AW., Lyons JG. Halliday GM, Brm inhibits the proliferative response of keratinocytes and corneal epithelial cells to ultraviolet radiation-induced damage. **PLoS ONE**, Sept 2014 25; 9(9).
5. Akhter R, **Hassan NM**, Morita M, Wilson D. Relationship between otologic symptoms, headache, depression and temporomandibular disorders. **Journal of Dentistry and Clinical Research**, 08/2014; 1(1).

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6. Akhter R, Morita M, Ekuni D, **Hassan NM**, Furuta M, Yamanaka R, Matsuka Y, Wilson D. Self-reported aural symptoms, headache and temporomandibular disorders in Japanese young adults. **BMC Musculoskelet Disord**. 2013 Feb 6; 14:58.
7. Okui T, Shimo T, Fukazawa T, **Hassan NMM**, Honami T Takaoka M, , Kishimoto K, Ibaragi S, Yoshioka N, Naomoto Y, and Sasaki A, Novel HSP90 Inhibitor NVP-AUY922 enhances the anti-tumor effect of temsirolimus against oral squamous cell carcinoma, **Current Cancer Drug Targets**, 2013 Mar 1;13(3):289-99.

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8. Kurio N, Shimo T, Fukazawa T, **Hassan NMM**, Okui T, Honami T, Takaoka M, Hatakeyama S, Naomoto Y, and Sasaki A, Anti-tumor Effect of a Novel FAK Inhibitor TAE226 against human oral squamous cell carcinoma, **Oral Oncology**, July 2012 .
9. Honami T, Shimo T, Okui T, **Hassan NMM**, Kurio N, Iwamoto M, and Sasaki A, Sonic hedgehog signaling promotes growth of oral squamous cell carcinoma cell associated with bone destruction, **Oral Oncology**, 2012 Jan; 48(1): 49-55.

**2011**

10. Shimo T, Nishiyama A, Kubota S, Kurio N, Okui T, **Hassan NMM**, Honami T, Kishimoto K, Mese M, Takigawa M, and Sasaki A, Novel pathogenic role of fibrin as

revealed by a case study on ligneous gingivitis. **International Journal of Oral Science**, 2011, 8:44-49.

11. Hassan NMM, Hamada J, Kameyama T, Nakagawa K, Tada M, Yoshida S, Kashiwazaki H, Yamazaki Y, Suzuki Y, Nagatsuka H, Akira S, Inoue N and Moriuchi T, Increased Expression of the PRL-3 Gene in Human Oral Squamous Cell Carcinoma and Dysplasia Tissues, **Asian Pacific J Cancer Prev**, 2011, July12 (4), 947-951.
12. Ibaragi S, Shimo T, Hassan NMM, Iwamoto M, Isowa S Kurio N, and Sasaki A, Induction of MMP-13 expression in bone-metastasizing cancer cells by type I collagen through integrin  $\alpha 1\beta 1$  and  $\alpha 2\beta 1$  p38 MAPK signaling, **Anti cancer research**, 2011 April; 31(4):1307-13.
13. Kurio N, Shimo T, Fukazawa T, Takaoka M, Okui T, Hassan NMM, Honami T, Hatakeyama S, Naomoto Y, and Sasaki A, Therapeutic Efficacy of a Novel FAK Inhibitor TAE226 against Breast Cancer Associated with Bone Metastasis. **Exp Cell Research**, 2011 May; 317(8): 1134-46.
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16. Yoshikawa K, Hamada J, Tada M, Kameyama T, Nakagawa K, Suzuki Y, Ikawa M, Hassan NMM, Kitagawa Y, Moriuchi T, Mutant p53 R248Q but not R248W enhances *in vitro* invasiveness of human lung cancer NCI-H1299 cells. **Biomedical Research** 2010 Dec; 31 (6):401-411.
17. Hassan NMM, Tada M, Shindo M, Hamada J, Kashiwazaki H, Shimo T, Ashikaga Y, Yamazaki Y, Sasaki A, Inoue N and Moriuchi T, Patient with multiple primary carcinomas including leukoplakia and SCC with different p53 mutation, **Anti cancer research**, 2010(Nov. ), 30: 4773-4778.
18. Okui T, Shimo T, Kurio N, Hassan NMM, Fukazawa T, Takaoka M, Yoshioka N, Naomoto Y, and Sasaki A, Anti-tumor Effect of Temsirolimus against Oral Squamous Cell Carcinoma Associated with Bone Destruction. **Molecular Cancer Therapeutics**, 2010, Nov., 9 (11):2960-9.
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21. Shimo T, Koyama E, Kanyama M, Kurio N, Okui T, Yamamoto D, Hassan NMM, Sasaki A, Sonic Hedgehog Signaling is Involved in Odontoblast Differentiation by Cooperating with BMP2 and BMP4 in Developing Bovine Molars. **Journal of Oral Tissue Engineering**, July, 2009; 7(1):26-37.

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22. Kameyama T, Nakagawa K, Hassan NMM, Tada M, Hamada J, Ikawa M, Kashiwazaki H, Inoue N, Moriuchi T, PRL-3, a Cancer-Associated Tyrosine

Phosphatase, regulates the transcription Activity of p53. **Hokkaido Journal of Dental Science**, Dec, 2008; 29 (2): 86-92.

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24. **Hassan NM\***, Akhter R\*,Moriya S, Kashiwazaki H, Inoue N, Morita M, Relationship between periodontal status and physical fitness in an elderly population of nonsmokers in Bangladesh. **Journal of American Geriatrics Society**, Dec, 2008; 56(12):2368-70. (\*Equal contributor).
25. **Hassan NMM**, , Tada M, Hamada J ,Kameyama T, Akhter R, Kashiwazaki H, Yamazaki Y, Inoue N, Moriuchi T, Presence of Dominant negative mutation of TP53 is a risk of early recurrence in oral cancer. **Cancer Letter**, Oct, 2008; 270(1):108-19. (ERA Rank A\*, ISI Journal Citation Reports 2013)
26. Akhter R, **Hassan NM**, Okhubo R, Tsukazaki T, Aida J, Morita M, Relation of third molar removal, jaw injury and stress with TMD symptoms. **Journal of Orofacial Pain**, winter, 2008; 22(1):50-6.
27. Akhter R, **Hassan NM**, Aida J, Zaman KU, Morita M, Risk indicators for tooth loss due to caries and periodontal disease in recipients of free dental treatment in an adult population in Bangladesh. **Oral Health and Preventive Dentistry**, Dec, 2008; 6(3):199-207.
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29. Akhter R, **Hassan NMM**, Aida J, Kanehira T, Zaman KZ, Morita M, Experience of Stressful Life Events and Temporomandibular Disorders in a Group of Patients Seeking Treatment in a Dental Hospital, Bangladesh. **European Journal of Medical Research**, Nov, 2007; 12(11):535-40.
30. Muramatsu M, Moriya S, Kanchu T, Kobayashi K, Notani K, Honda O, Nakamura K, Kashiwazaki H, Kuroe T, **Hassan NMM**, Muramatsu T, Inoue N, Relationship between Oral Health and Subjective Well-being in Community-Dwelling Elderly Persons. **Hokkaido Journal of Dental Science**, Dec, 2007; 28(2):120-27.
31. Murata A, Moriya S, Kobayashi K, Okahito H, Notani K, Harada E, Kashiwazaki H, Kuroe T, Kuroshima S, **Hassan NMM**, Nakagawa Y, Kishiya Y, Muramatsu M, Inoue N, Relationship of self-assessed masticatory ability to nutritional status and physical performance in community-dwelling elderly persons, **Japanese Journal of Gerodontolgy**, Dec 2007; 22(3):309-18.

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32. **Hassan NMM**, Hamada J, Murai T, Seino A, Takahashi Y, Tada M, Kashiwazaki H, Yamazaki Y, Inoue N, Moriuchi T, Aberrant Expressions of *Hox* gene in the oral dysplasia and squamous cell carcinoma, **Oncology Research**, July, 2006; 16(5):217-24. .826.

#### **In 2004**

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[https://www.researchgate.net/profile/Nur\\_Hassan2](https://www.researchgate.net/profile/Nur_Hassan2)

### **INVITED SPEAKER**

#### **In 2011**

1. **Hassan NMM**, Increased Expression of the PRL-3 Gene in Human Oral Squamous Cell Carcinoma and Dysplasia Tissues, EPS Montreal International Gene Conference, 2011, Nov. Montreal, Quebec, Canada.
2. Hassan NMM "The latest development in the area of tumour suppressor p53 role on head and neck cancer", The **26<sup>th</sup> Japanese society of Oral Medicine** congress on September, 2016 Okayama, Japan.

### **CONFERENCE PUBLICATIONS**

#### **2017:**

1. **Hassan NMM**, Lyons JG, Painter N, Wade H, Bryne S and Halliday GM. *p53* role on mast cells infiltration in the development of sunlight induced carcinogenesis. March 2017, 95<sup>th</sup> IADR, San Francisco, USA (Submitted).
2. Ryan J, Akhter R, **Hassan NMM**, James Wickham "Treatment of Temporomandibular Disorders Using Stabilizing Appliance Therapies in a General Dental Practice Setting." March 2017, 95<sup>th</sup> IADR, San Francisco, USA (Submitted).

#### **2016**

3. **Hassan NMM**, Lyons JG, Painter N, Wade H, Bryne S and Halliday GM Tumour suppressor p53 role on mast cells infiltration in the development of sunlight induced carcinogenesis. November 2016, Research Symposium - CSU Health and Biomedicine, Wagga Wagga, Australia (Submitted).
4. Ryan J, Akhter R, **Hassan NMM**, James Wickham Pain perception and masseter muscle activity changes during clenching exercises November 2016, Research Symposium - CSU Health and Biomedicine, Wagga Wagga, Australia (Submitted).
5. **Hassan NMM**, Morrell A, Wilson D, Bryne S, Painter N, , Halliday GM and Lyons JG. Does lack of matriptase affect dermal mast cell infiltration after chronic exposure to UV radiation? June, 2016, 94<sup>th</sup> IADR, Seoul, Korea.
6. Akhter R, **Hassan NMM**, Martin F E, Muhit M, Rahman R, Smither-Sheedy H, Jones C, Badwi N, Khandakar G Oral health status and factors affecting dental caries experience among children and, adolescents with cerebral palsy in rural Bangladesh . June, 2016, 94<sup>th</sup> IADR, Seoul, Korea.
7. Ryan J, Akhter R, **Hassan NMM**, James Wickham Pain perception and masseter muscle activity changes during clenching exercises June, 2016, 56<sup>th</sup> ANZ, IADR, Seoul, Korea.
8. Hilton G, Akhter R **Hassan NMM**, Prevalence of orofacial pain and associated variables in regional Australia, June, 2016, 56<sup>th</sup> ANZ, IADR, Seoul, Korea.

#### **2015**

9. **Hassan NMM**, Akhter R and Hayder A-A, "Anatomy education in regional Australia: Ways to improve the outcome" 30-31 October, 2015, 63<sup>rd</sup> JADR, FUKUOKA, Japan.
10. **Hassan NMM**, Akhter R and Hayder A-A, "Evaluation of an Anatomy Curriculum in Australia: A survey of undergraduate dental student's perceptions in relation to time adequacy and meaningful teaching delivery methods December, 2015 Annual conference Australasian Institute of Anatomical Sciences (AIAS) Newcastle, Australia.

#### **2014**

11. Akhter R, **Hassan NM**, Rainbow Y, Contreras C, Ryan J, Manickam S, Wilson D. Pain

perception on jaw movement and associations with psychological variables. Health Services Workshop: Building collaborative research partnerships, 24-25<sup>th</sup> July, 24.

12. **Hassan NM**, Chapple C, Akhter R, Cameron H. Are dental loupes contaminated during general dental procedures? Health Services Workshop: Building collaborative research partnerships, 24-25<sup>th</sup> July, 2014.
13. Akhter R, Manickam S, **Hassan NMM**, Wilson D. Pain perception following a standard bolus injection of hypertonic saline into the masseter muscle and associations with psychological variables. Scientific Symposium for the Western NSW Health Research Network, The University of Sydney - School of Rural Health, Wednesday 4<sup>th</sup> June 2014.
14. **Hassan NMM**, Akhter R, Chapple C, Cameron H. Surface contamination of dental loupes in teaching and private dental clinics at Charles Sturt University (CSU), Orange campus. Scientific Symposium for the Western NSW Health Research Network, The University of Sydney - School of Rural Health, Wednesday 4<sup>th</sup> June 2014.

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15. A.W. Farrell, **Hassan NMM**, Painter N, Girolamo C Di, Lyons, J.G and Halliday, G.M., Brm protects skin keratinocytes from UV-induced hyperplasia. Proceedings: Molecular and Experimental Pathology Society of Australasia, 10-13 Nov. 2013. (Sydney, Australia).
16. Halliday, G.M., Sou, P.W., **Hassan NMM**, Scolyer, R.A., Di Girolamo, N. and Lyons, J.G. Brm is a tumour suppressor gene that protects from UV-induced skin and ocular cancer. Proceedings of the Asian Society for Pigment Cell Research and Australasian Society for Dermatology Research meeting. Sydney 17-19 May 2013, page 36.

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19. Kurio N, Shimo T, **Hassan NMM**, Okui T, Honami T, Takaoka M, Hatakeyama S, Naomoto Y, Sasaki A, Inhibition of Focal Adhesion Kinase exhibit anticancer effect in Oral squamous cell carcinoma in vivo and vitro assays, Proceedings: The Japanese Society of Oral and Maxillofacial Surgeons, 2010, Oct., 55<sup>th</sup> (Tokyo, Japan).
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21. Okui T, Shimo T, **Hassan NMM**, Kurio N, Honami T, and Sasaki A, Does HSP-90 protein a new molecular target of oral cancer treatment? Proceedings: The Japanese Stomatological Society, 2010, June, 54<sup>th</sup> (Hokkaido, Japan).
22. Kurio N, Shimo T, **Hassan NMM**, Okui T, Honami T, Takaoka M, Hatakeyama S, Naomoto Y, Sasaki A, A Novel Focal Adhesion Kinase Inhibitor TAE226 Suppresses Parathyroid Related Protein Induced Hypercalcemia and Reduced Osteoclast Activation.

Proceedings: International Symposium of Higher medical research, 2010 Feb, 3<sup>rd</sup> (Okayama, Japan).

23. Okui T, Shimo T, **Hassan NMM**, Kurio N, Honami T, Takaoka M, Yoshioka N, Naomoto Y, and Sasaki A, Inhibition of Mammalian Target of Rapamycin Signaling by Temsirolimus Reduced Tumor Induced Osteolysis and Hypercalcemia. Proceedings: International Symposium of Higher medical research, 2010 Feb, 3<sup>rd</sup> (Okayama, Japan).

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25. **Hassan NMM**, Hamada J, Kameyama T, Yoshida S, Tada M, Nagatsuka H, Nakagawa K, Kashiwazaki H, Yamazaki Y, Sasaki A, Inoue N, and Moriuchi T, Expressions *PRL* gene in human oral squamous cell carcinoma, dysplasia and normal mucosa and its link with p53 mutation, Proceedings: Annual meeting of COSA, 2009 Nov., 36<sup>th</sup> (Gold coast, Australia).

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42. **Hassan NMM**, Hamada J, Tada M, Kashiwazaki H, Yamazaki Y Inoue N, Moriuchi T, Dominant negative and recessive mutations of p53 in oral cancer. Proceedings: International Association for Dental Research, 2006 July, 84<sup>th</sup>, P66 (Baltimore, USA).
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48. **Hassan NMM**, Hamada J, Murai T, Seino A, Takahashi Y, Tada M, Kashiwazaki H, R Akhter, Inoue N, Moriuchi T, Aberrant Expressions of *Hox* gene in the oral squamous cell carcinoma. Proceeding International Association for Dental Research, 2005 March, 83<sup>rd</sup>, P95 (Baltimore, U.S.A).

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51. **Hassan NMM**, Hamada J, Murai T, Seino A, Takahashi Y, Tada M, Kashiwazaki H, Yamazaki Y, Inoue N, Moriuchi T, Hox Gene plays a role in carcinogenesis of the oral mucosa. Proceedings: Bangladesh Medical Association, 2005 Dec., 2nd, P15 (Dhaka, Bangladesh).