

## CURRICULUM VITAE

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Name: **Nada Abdul Sahib Hassan AL Alwan (MD, PhD)**  
Nationality: Iraq  
Date & Place of Birth: 9/6/1959, Baghdad, Iraq.  
Marital Status: Married with a son and a daughter.  
E mail Address: [nadalwan@yahoo.com](mailto:nadalwan@yahoo.com), [nadalwan@bccru.uobaghdad.edu.iq](mailto:nadalwan@bccru.uobaghdad.edu.iq)  
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### Education and Qualifications:

- **M.B. Ch.B. Medical College, Baghdad University** (1983).
- **M.Sc. Cytopathology – Medical College, Baghdad University** (1988).  
*Thesis entitled: "Precancerous and Cancerous lesions of the Uterine Cervix".*
- **Ph.D. Pathology – Baghdad Medical College** in collaboration with **Karolinska University Hospital, Stockholm / Sweden** (1998).  
*Thesis entitled: "Clinicocytopathological Evaluation of Nuclear DNA Ploidy and Hormone Receptor Contents of Breast Tumours".*
- **Post Doctorate Diploma in Cancer Control, United States of America**, Principles and Practice in Cancer Prevention and Control, **National Cancer Institute**, Bethesda, Maryland, **USA** (2008).
- **F UICC (Fellow of the International Union Against Cancer), Geneva, Switzerland** (since 1996).
- **UICC Training Certificate in Cancer Pathology, Karolinska Hospital, Stockholm, Sweden** (Early Diagnosis of Cancer using Fine Needle Aspiration Cytology Techniques (1996).
- **UICC Training Certificate in Colposcopic Pathology, University Hospital of Geneva, Switzerland** (Early Detection of Cervical Cancer using Colposcopy and Liquid Based Cytopathology (1999).
- **Advanced Academic Training Course, Imperial College London, United Kingdom, WHO Collaborative Public Health Center**, London (2013).

### Fields of Specialization and Interest:

- Cancer Cytopathology.
- Diagnosis and Early Detection of Breast and Gynecological Malignancies.
- Medical Research focusing on Cancer.
- Strategies on the implementation of the National Cancer Control Programs.

### Present Positions:

- **Director, National Cancer Research Center/Program**, Baghdad University, Ministry of Higher Education & Scientific Research MoHESR (July 2012...).
- **Executive Director, National Campaign for Early Detection and Research on Breast Cancer** (2010..)..
- **Chairperson, Medical Committee, Iraqi Scientific Research Council**, MoHESR (2012...).
- **Manager, Main Specialized Consultative Clinic for Early Detection of Breast Tumours**, Oncology Teaching Hospital, Medical City, MoH (2012..).
- **Principal Investigator, Regional Comparative Breast Cancer Research Project**, MoHESR in collaboration with **WHO, IARC, IAEA/PACT** and Suzan G Komen for the Cure Organization (2012..).
- **National Project Counterpart**, MoHESR, MoH and **IAEA**, National Capacity Building Joint Program for Medical Radiotherapy and Nuclear Medicine, **International Atomic Energy Agency** (2016).
- **Professor of Pathology, Consultant**, Baghdad University, Medical College, MoHESR (2000...).

### Work Experience as Consultant / Advisor for International Organizations:

- **Consultant, UNDP/UNIFEM**; designed a "National Strategy for Women and Health in Post-war Iraq" (2003 ).
- **Temporary Advisor, WHO/EMRO**, on Breast Cancer Pathology, (Eastern Mediterranean Regional Office) / WHO, Cairo, Egypt ( 6-10 March 2006).
- **Temporary Advisor, WHO/EMRO**, Technical Consultation on the Regional Strategy for the Control and Prevention of Cancer in the EMR, Marrakesh, Morocco (20-22 November 2007).
- **Technical Advisor, UNFPA** , Reproductive Adolescent Health, Amman, Jordan, (April 2008).
- **Consultant, U.S. Middle East Partnership Initiative (MEPI)**, Baseline Assessment on Breast Cancer Awareness, Care and Research in the Palestinian Territories, ICF International / Department of State's (2008).
- **Temporary Advisor, WHO/EMRO**, Consultative Meeting on the Draft Regional Cancer Control Strategy, Cairo, Egypt (30 April- 1 May 2008).
- **Technical Advisor, UNFPA** , Reproductive Adolescent Health, Amman, Jordan (1-2 November 2008).
- **Temporary Advisor, WHO/EMRO**, Adoption of the Regional Cancer Control Strategy and Developing of National Workplans, Eastern Mediterranean Regional Office, Cairo, Egypt, **EMRO / WHO** (15-18 December 2008).
- **Consultant, MEPI**, (Partnership Community Advocacy Grants, 2009 Selection Committee, ICF International / U.S. Department of State's Middle East Partnership Initiative February, 2009.
- **International Expert, WHO/IAEA**, Coordination and Planning Meeting with Member States on the Cancer Control Strategy, **WHO/IAEA Cooperation Program on Cancer Control**, Vienna International Center, Austria, IAEA/ PACT (29 June-1 July 2009).
- **Global Advocate, Suzan G Komen for the Cure**, Regional Training Seminar on Breast Cancer Support Groups, Cairo, Egypt, 20-25 October 2009.
- **International Consultant, IAEA/PACT (Program of Action for Cancer Therapy)**, 8<sup>th</sup> Middle East Oncology Congress, Beirut, Lebanon, 5-7 November 2009.
- **Technical Advisor, Jordan Breast cancer Program**, 1<sup>st</sup> Meeting of the Consultative Committee, Amman/KHCC, Jordan, 12-13 June 2010.
- **Consultant, International Atomic Energy Agency (IAEA/PACT)**, Breast Cancer Control in Developing Countries, Vienna/IAEA Centre, Austria (1 July-31 August 2010)..
- **Consultant, International Atomic Energy Agency IAEA/PACT**, Breast Cancer Control Worldwide, Lyon/IARC, France, 29-30 July 2010.
- **Consultant International Atomic Energy Agency, IAEA/PACT**, Global Burden of Breast Cancer, Geneva/LWHO, Switzerland, 30-31 July 2010.
- **Consultant International Atomic Energy Agency, IAEA/PACT**, Breast Cancer Control, Colombo/MoH, Sri Lanka, 4-5 August 2010.
- **Consultant International Atomic Energy Agency, IAEA/PACT** and The **Breast Health Global Initiative (BHGI)**, Ghana Breast Cancer Specialty Training Course, Accra, Ghana, 23-27 August 2010.
- **Temporary Advisor, WHO/EMRO** , Consultative Meeting on Building NCD Regional Research Agenda, Eastern Mediterranean Regional Office, Dubai, UAE, 11-13 December 2011.
- **Temporary Advisor & Principal Investigator, WHO/EMRO** , Consultative Coordinating Meeting on the Regional Comparative Breast Cancer Research Program, Eastern Mediterranean Regional Office, WHO/EMRO in collaboration with IARC, IAEA/PACT & Komen for the Cure, Sharm Al Sheikh, Egypt, 21-22 January 2012.
- **Country Focal Representative, Komen G for the Cure Org.**, Base line Needs Assessment for Women's Breast Health Care in the Middle East., 20 January 2012.
- **Temporary Advisor, WHO/EMRO**, The Regional Meeting on Cancer Control and Research Priorities in the Eastern Mediterranean Region, WHO/EMRO in collaboration with IARC, Doha, Qatar, (20-22 October 2013).
- **Temporary Advisor, WHO/EMRO**, The 2<sup>nd</sup> Regional Meeting of the Comparative Breast Cancer Research Project in the Eastern Mediterranean Region, WHO/EMRO in collaboration with & the National Cancer Research Center, Amman, Jordan, 9-10 November 2015.
- **Temporary Advisor, WHO/EMRO**, Consultative Meeting on Early Detection and Screening of Priority Cancers in the Eastern Mediterranean Region, Cairo, Egypt , 14-15 January 2016.
- **National Project Counterpart, International Atomic Energy Agency (IAEA)** in collaboration with MoH, MoHESR, and MoST, National Capacity Building Joint Program for Medical Radiotherapy and Nuclear Medicine, IAEA, July 2016.

### Publications:

1. **Al-Alwan N.:** "The Value of Cytology in Diagnosing Cervical Intraepithelial Neoplasia." J.Fac. Med. Baghdad Univ. 1992; 34 : 155-165.
2. Al-Saleem T., Khalil M. & **Al-Alwan N.:** "Tumors and Tumor-like conditions of the vulva and vagina." J.Fac. Med. Baghdad Univ. 1992; 34 : 167-176.
3. **Al-Alwan N.,** Al-Khurri L. & Al-Rawi K. "Cytology-Histopathology Correlation as a Quality Control Procedure in Gynecologic Diagnosis", J. Fac. Med. Baghdad Univ. 1994; 36: 195-199.
4. **Al-Alwan N.,** Al-Saadi Z & Al-Rawi K: "Long-Term Cytologic Follow-up Studies of Copper Intrauterine Contraceptive Device Users", J.Fac. Med. Baghdad Univ. 1995; 37: 113-118
5. **Al-Alwan N.:** "The Fate of Mild Cervical Dysplasia: a long-term cytologic follow-up study of 252 patients" . J.Fac. Med. Baghdad Univ. 1995; 37: 237-244
6. **Al-Alwan N,** Al-Hashimi A, Salman M & Al-Attar E: "Fine Needle Aspiration Cytology Versus Histopathology in Diagnosing Lymph Node Tumors". Eastern Mediterranean Health Journal, WHO/EMRO, 1996; 2: 320-324.
7. **Al-Alwan N:** "DNA Ploidy and Hormone Receptor Contents in Iraqi Breast Cancer". Association of the UICC Fellows (AUF), Membership Directory, Geneva, 1997.
8. **Al-Alwan NAS :** "Clinicocytopathologic Evaluation of Nuclear DNA Ploidy and Hormone Receptor Contents of Breast Tumors ".Ph.D. Thesis. Baghdad Univ. 1998.
9. **Al-Alwan N,** Al Kubaisi W & Al Rawaq K : "Assessment of Response to Tamoxifen in Iraqi Patients with Advanced Breast Cancer". EMHJ, WHO. Eastern Mediterranean Regional Office, 2000: 6 (3/4 ): 475-482.
10. Al-Kubaisi W, **Al-Alwan N** & Al-Nu'aيمي K.: "Pulmonary Alveolar Microlithiasis: An overlooked Disease in Iraq". EMHJ, WHO, Eastern Mediterranean Regional Office, 2000: 6 (5/6): 1130-1136.
11. Al-Kubaisi W, **Al-Alwan N.** & Niazi A : "Hepatitis C Virus Antibodies, RNA and Genotypes in Iraqi Pregnant Women and Its Relation Alanine Amino Transferase Levels" .Iraqi J Med. Sciences, /1999; no. 168.
12. **Al Alwan N.:** " DNA Proliferation Index as a Marker in Iraqi Aneuploid Mammary Carcinoma". EMHJ, WHO, Easter Mediterranean Regional Office, 2000; 6(5/6): 1062-1072.
13. **Al-Alwan N:** "Screening Programme for Cervical Cancer Precursors Using Colposcopy, Cervical Cytology and Human Papillomavirus Detection". Association of the UICC Fellows (AUF), Membership Directory, Geneva 2000.
14. **Al-Alwan N:** "Colposcopy, Cervical Cytology and Human Papillomavirus Detection as Screening tools for Cervical Cancer". EMHJ, WHO, Eastern Mediterranean Regional Office, 2001: 7(1/2): 100-105.
15. Gharib B, Al-Ani S. & **Al-Alwan N:** "Flow Cytometric DNA Analysis of Oral Squamous Cell Carcinoma in Iraqi Patients." EMHJ, WHO, Eastern Mediterranean Regional Office, 2002; 8(2/3):393-403.
16. **Al-Alwan N,** Mahdi N, Othman A, et al: "The National Campaign for Early Detection of Breast Cancer". Medical Guideline Manuel, MoH, Baghdad, Iraq, 2003.
17. **Al-Alwan N,** Othman A, Mahdi N, et al: "The National Campaign for Early Detection of Breast Cancer". Educational Guideline Manuel, MoH, Baghdad, Iraq, 2003
18. AlAwqati N, Abdulla F, Ibrahim N, Muhsen N, Jaffar R & **Alwan N:** , The Women's Vision for the Iraqi Health System, MoH, USAID, Iraq, 2004.
19. Al-Rubaiee N, Al-Hadithi R, & **Al-Alwan N:** " Diagnostic Value of Cytology and Colposcopy in Patients with Abnormal Cervical Pap Smears". Al-Kindy Col. Med. J, , Baghdad Univ., 2006; 3 (1): : 56-62.
20. Al-Rubaiee N & **Al-Alwan N:** "Application of the Behesda System for Cervical Cytology Reporting". J Fac Med Baghdad. J, , Baghdad Univ. 2006; 48 (1): 41-47..
21. **Al-Alwan N:** "Cytopathology" in: Rasheed N et al : "Lectures in General Pathology for Third Year Medical Students". Fac. Med. Baghdad Univ. 1<sup>st</sup>. ed. 2006; , pp: 183-193.
22. Al-Shimmary I and **Al-Alwan N:** "Significance of Cervical Cytology (Pap smears) in the Detection of Precancerous Cervical Lesions". J. Fac. Med. Baghdad Univ. 2007 ; 49(3): 315-322.
23. Al Atroushi S, Talal L & **Alwan N:** "Male Breast Lesions: A Review of 124 Cases Diagnosed by Fine Needle Aspiration Cytology". J. Fac. Med. Baghdad Univ. 2008; 50 (3): 365-371.
24. **Al-Alwan N:** "Early Detection of Breast Cancer in Iraq, Medical Educational Guide-line Manuel". Department of Research and Development , MoHESR , 2009. دليل التوعية حول الكشف المبكر عن سرطان الثدي في العراق.
25. **Alwan N:** "Iraqi Breast cancer: A Review on Patients' Demographic Characteristics and Cliniciopathological Presentation.". J. Fac. Med. Baghdad Univ. 2010; 52 (1): 105-110.

26. **Alwan N** and Al-Rufae F : "Comparative Demographic and Clinico-pathological Study on the behaviour of Mammary Carcinoma in Three Iraqi Governorates". J. Fac. Med. Baghdad Univ. 2010; 52 (4): 420-424..
27. **Alwan N**: "Breast Cancer: Demographic Characteristics and Clinico-pathological Presentation of Patients in *Iraq*". EMHJ, WHO, Eastern Mediterranean Regional Office, 2010; 16(11): 1059-1164.
28. **Alwan NAS**: "Breast cancer incidence among Iraqi women profiled." American Association for Cancer Research. ScienceDaily. ScienceDaily, 11 March 2010.
29. **Al-Alwan N**: "Early Detection of Cervical Cancer & its Precursors in Iraq, Medical Educational Guide-line Manuel". Department of Research and Development , MoHESR , 2011. التوعية و الإرشادات الصحية للسيدات حول الكشف المبكر عن سرطان عنق الرحم في العراق.
30. **Alwan N**, al-Attar W, Eliessa R, Al-Midfaei Z & Nidhal F:" Knowledge, Attitude and Practice regarding Breast Cancer and Breast Self-Examination among a Sample of the Educated Population in Iraq". EMHJ, WHO, Eastern Mediterranean Regional Office, 2012; 18 (4): 337-345.
31. **Alwan N**, al-Attar W, Eliessa R, Al-Midfaei Z & Nidhal F: "معارف و ممارسات النساء في الجامعات العراقية حول الفحص الذاتي للثدي". EMHJ, WHO, Eastern Mediterranean Regional Office, 2012; 18 (7): 742-748
32. **Alwan N** & Abdul Kareem S: "Demographic Profile of Patients Diagnosed with Breast Cancer in Iraq". Annual Book, J Diyala Res Cen of Childhood & Motherhood. Vol 7, 2012 (pp 3-16).
33. **Alwan N** & Abdul Kareem S: "Prevalence of BRCA 1 and Ki 67 Expressions in a Sample of Iraq Patients Diagnosed with Breast Cancer: Correlation with their Demographic and Clinical Profiles". Iraqi Med J. 2012 (No 365, dated 10-6-2012).
34. **Alwan N**: "Initiating a Regional Comparative Breast Cancer Research Program in the Eastern Mediterranean Region". Proceedings of the 6<sup>th</sup> International Conference on Healthy Issues in Arab Communities, Dearborn, Michigan, USA., 15-17 Oct 2012.
35. **Alwan N**, Al-Diwan J, Al-Attar W & Eliessa R: "Knowledge, Attitudes and Practice towards Breast Cancer and BSE in Kirkuk University, Iraq". Asian Pacific Journal of Reproduction, Elsevier, 2012; 1 (4): 308-311.
36. **Al Alwan N** and Al Mukhtar S: "Promoting Medical Education and Scientific Research in the Field of Medical Specialization". Proceedings of the International Conference of Higher Education Reform in Iraq, 2013. MoHESR in collaboration with NISA "Network of Iraqi Scientists Abroad". 27-29/11/2012
37. **Alwan N** : "Early Detection and Research as Basic Pillars for Breast Cancer Control among Iraqi Women". Proceedings of the 4th Scientific Conference, Motherhood & Childhood Research Center, Dyala, Iraq. 5-6 De. 2012.
38. **Alwan N**: "Medical Guidelines for Iraqi Women on the Techniques of Early Detection of Breast Cancer". Iraqi National Cancer Research Center / Baghdad University in collaboration with the Department of Research and Development, MoHESR, 2013.
39. Sankar R, **Alwan N** & Denny L: "How Can We Improve Survival from Breast Cancer in Developing Countries?" Future Medicine, Breast Cancer Management, 2013, 2 (3): 179-183.
40. **Al Alwan N**: "Global Variations in Breast Cancer Statistics Focusing on Iraq". Annual Book, J Diyala Research Center of Childhood & Motherhood. Vol 87, No (2): 2013.
41. Von Karsa L, Qiao Y, Ramadas K, Keita N, Arrossi S, Boyle P, **Alwan N** & Sankaranarayanan R: World Cancer Report 2013. Implementation of Cancer Screening: The Global Outlook. IARC, WHO, 2013.
42. Miller A and **Alwan N**: "Screening and Early Detetion of Breast Cancer in the Eastern Mediterranean Region". Proceedings of the Regional Meeting on Cancer Control and Research Priorities in the Mediterranean Region, WHO in collaboration with IARC, Doha, Qatar, 20-22 Oct 2013.
43. **Alwan N**, Sankaranarayanan R & Fadhil I: "Initiating Regional Comparative Breast Cancer Research in the Eastern Mediterranean Region." ACCESS Health Journal, USA, Fall 2013; 70-74.
44. Gaaib JN, Al Faisal AHM, **Al Alwan N** & Tobal K: "Evaluating the Diagnostic and Prognpstic Value of Human Mammoglobin (MGB1) Gene Expression in Iraqi Breast Cancer Patients". International Journal of Advanced Research. 2014; 2 (4): 663-669.
45. **Al Alwan NAS** and Mualla FHM: Promoting Clinical Breast Examination as a Screening Tool for Breast Cancer in Iraq. Iraqi National Journal for Nursing Specialities, 2014; 27 (1): 76-82.
46. Al Faisal AHM, Gaaib JN, **Al Alwan N** & Ghanim M: "Evaluating the Diagnostic and Prognpstic Value of Cytokeratin 19 Gene Expression in Iraqi Breast Cancer Patients". International Journal of Current Research". 2014; 6 (4): 6346-6351.
47. **Alwan N**: "Iraqi Initiative of a Regional Comparative Breast Cancer Research Project in the Middle East", Journal of Cancer Biology & Research, 2014; 2 (1): 1016 – 1020.
48. Ali SHM, **Al Alwan NAS** & Al Alwany SHM : "Detection and Genotyping of Human Papillomavirus in Breast Cancer tissues of Iraqi Paiens". EMHJ, WHO, Eastern Mediterranean Regional Office, 2014; 20 (6): 229-234.
49. Abduljabbar M, Ali S and **Al Alwan N**: Immunohistochemical Expepression of ER/PR in Cytologica and Histopathological Preparation of Infiltrative Ductal Carcinoma of the Breast. J. Fac. Med. Baghdad Univ. 2014; 56 (1)

50. **Al Alwan N**, Hussain I, Wahid HA et al: Evaluating the Accuracy of the "Breastlight" as a Screening Tool for Breast Cancer in Iraq. International Journal of Advanced Research Research. 2014 ; 2 (10): 522-531.
51. **Al Alwan N**: Geographical Variations in Breast Cancer Incidence and Mortality Rates in Developed Versus Developing Countries. Journal of the Iraqi National Committee for Education, Culture and Science ISESCO. 2015; Vol (13), 6: 66-71.
52. Al Dabbagh W, **Al Alwan N** and Al Ubaidy S: Prevalence of BRCA1 Oncogen Expression in Breast Cancer Specimens of Patients with Positive Family History. J. Fac. Med. Baghdad Univ. 2015; 57 (3), pp: 225-230
53. **Alwan N** & Al-Attar W: Effects of Education on the level of Knowledge about Breast Cancer Among Female University Students in Baghdad. Proceedings of the 2<sup>nd</sup> International Scientific Conference of Medical & Health Specialties. Middle Technical University, April 2015.
54. **Al Alwan N**: Establishing Guidelines for Early Detection of Breast Cancer in Iraq. Int. J. of Advanced Research. 2015. 3 (12): 539-555
55. Abdulkareem M, Alyasseen H & **Al Alwan N**: Prevalence of Soluble Fas protein in Breast Cancer Patients: Correlation with the Clinico-pathological Parameters. Iraqi Postgraduate Medical Journal. 2016; 15 (1): 107-117.
56. Asghar AL, **Al Alwan NA** and Inaam I: Imaging and Clinicopathological Characteristics of Breast Cancer among Women under the Age of 40 Years. J.Fac, Med, Baghdad, (No. 72/2015, Dated: 3-1-2016).
57. **Alwan NAS** and Al-Attar: Evaluating the Effect of an Educational Teaching Model on the Knowledge about Breast Cancer among Female University Students in Iraq., JJ Cancer Sci. Res. 2016, 2(1): 026,
58. Al-Attar WM, **Alwan NAS**, Mualla M, Mustafa Z: Evaluation of the Physical and Psychosocial Domains among Patients complaining of Breast Cancer in Iraq. IOSR Journal of Nursing and Health Science, 2016, 5 (2):58-63.
59. Asghar AL, **Al Alwan NA** and Inaam I: Initiating Opportunistic Breast Cancer Screening Program for Asymptomatic Self-Referring Women in Iraq.. J.Fac, Med, Baghdad, (No. 136/2016, Dated: 15-3-2016).
60. **Alwan NAS**, Al Attar W, Abdulla K: Knowledge, Attitude and Practices related to Cervical Cancer Risk Factors and Prevention among Iraqi Female Population. Proceedings, Technical Institute Scientific Conference, 25 March 2016.
61. Mohson KI and **Alwan NAS**: Assessment of Nipple Discharge in Symptomatic Patients attending a Main Breast Cancer Center in Baghdad Using Ultrasound and Cytology. International Journal of Scientific and Research Publications, 2016; 6 (4): 116-120.
62. Abdulla KN, **Alwan NAS** and Al Attar WM: Effects of Awareness and Knowledge on Breast Cancer among Intellectuals Affiliated to an Iraqi Ministry. International Journal of Scientific and Research Publications, 2016; 6 (4), 730-733.
63. **Alwan NAS**: Breast Cancer among Iraqi women: Preliminary Findings from a Regional Comparative Breast Cancer Research Project. Journal of Global Oncology, ASCO, 2016; 2 (1): 1-4.
64. Mezaal MI, **Alwan N**, Aziz I H, & Shalal MM: Prevalence of Human Papilloma Virus Gene Ine Mutations in Cervical cells among Iraqi Patients with Abnormal Pap smears. Iraqi Journal of Biotechnology, Acceptance letter No. 202, dated 25-9--2016).
65. Mezaal MI, Aziz I H, **Alwan N** & Shalal MM: Prevalence of Human Papilloma Virus in Cervical cells among Patients with Abnormal Pap smears. Int. J. of Advanced Research, (Acceptance letter No. IJAR 11326 dated 10-7-2016).
66. Alsaedi MA, **Al-Alwan NAS**, Al-Faisal AH & Al Fartusi A: Expression of APEX1 Gene in Specimens of Iraqi Patients with Lung Cancer. Journal of Medical Science & Clinical Research. (Acceptance letter:1 Nov. 2016).
67. Alsaedi MA, Al-Faisal AH, **Al-Alwan NAS**, & Al Fartusi A: Detecting mRNA Expression of LUNX Gene by RT-PCR in Lung Cancer Specimens of Iraqi Patients. Iraqi Journal of Biotechnology. (letter dated 204 dated 22-11-2016).
68. **Alwan NAS**, Al-Attar WM, Al Mallah N. Baseline Needs Assessment for Breast Cancer Awareness among Patients in Iraq, International Journal of Science and Research (IJSR), Volume 6 Issue 1, January 2017, 2088 – 2093
69. **Alwan NAS**, Al-Attar WM, Al Mallah N, Abdulla K. . Assessing the Knowledge, Attitude and Practices towards Cervical Cancer Screening among a sample of Iraqi Female Population, Iraqi Journal of Biotechnology. (Acceptance letter dated 2776 dated 29-12-2016).
70. **Alwan NAS**:. Family History Among Iraqi Patents Diagnosed with Breast Cancer.. International Journal of Science and Research ((Accepted for Publication in Volume 7, February 2017).

### Papers Considered for Publication:

- Opportunistic breast cancer screening of asymptomatic women in Iraq: a single center experience
- Comparative Study of Baseline Needs Assessment for Healthcare Providers in the Middle East.
- Effects of awareness and knowledge on breast cancer among intellectuals affiliated to an Iraqi Ministry.
- Assessment of nipple discharge in symptomatic patients attending a main breast center in Iraq using Ultrasound and discharge smear cytology

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- Knowledge, Attitude and Concepts about Breast Cancer in a Sample of Women Attending a Main Breast Cancer Early Detection Center in Baghdad: Effect of Age and Education..
- A Comparative Study on the Prevalence of Putative Risk Factors for Breast Cancer in Iraq and Egypt.
- The Association of HER-2 and BRCA1 gene expression with outcome in breast cancers Correlation of the findings of Breast Ultrasonography, Digital Mammography and FNAC in impalpable Breast Cancer.
- Demonstration of Human Papilloma Virus infection in Cervical Biopsies of Iraqi Patients complaining of Cervical Erosion.
- Evaluation of Estrogen, Progesterone Receptor Contents and HER2-neu Over Expression in Tru cut specimens of Breast Cancer
- Correlation of the Findings of Biofield Breast Cancer Diagnostic System (BDS) with Clinicopathological Parameters of Mammary Carcinoma in Iraq".

### Works in Progress:

- Comparative baseline needs assessment for breast cancer awareness and management in Middle East and North Africa.
- Relationship between Staging of Breast Cancer and Survival Outcomes among Iraqi Female Patients.
- Expression and Polymorphism of the Genes LUNX and APEX1 in Lung Cancer of Iraqi Patients
- Prevalence of Human Papilloma Virus in Cervical cells among Patients with Abnormal Pap smears A Study at the Molecular Level.
- Benefits of high risk HPV with liquid based Pap smear (co-testing) as primary screening tool for cervical cancer
- Comparative Clinicopathological Study on the Behavior of Mammary Carcinoma in Iraq and Sweden".
- Knowledge about Causes of Cervical Cancer in Women attending a Family Planning Unit in Baghdad.
- A Comparative Clinicopathological Study on the Behaviour of Breast Cancer in Iraq & Syria.
- Recording the Accuracy of Diagnosing Breast Lesions by Applying the Triple Assessment Technique in a Referral Center for Early Detection of Breast Cancer.
- Correlation of Clinicopathological Presentations of Iraqi Breast Cancer Patients with the Findings of BDS, Her2 and Ki67 Expressions in Tissue Specimens.

### Supervision of Postgraduate Students:

- A Comparative Evaluation of Fine Needle Aspiration Cytology Versus Histopathology in Diagnosing Lymph Node Diseases. Thesis, Iraqi Board for Specialization in Surgery, 1991-1994..
- Ascitic Fluid Assessment in 122 Iraqi Adult Patients: A Prospective Cytopathological Study. Thesis, Iraqi Board for Specialization in Pathology, March, 1998-2000.
- Flow Cytometric DNA Ploidy, Cell Cycle Parameters and AgNOR Study in Iraqi Patients with Oral Squamous Cell Carcinomas. Ph.D. Thesis, College of Dentistry, University of Baghdad, 1997-2000.
- Cytological Diagnosis of Trichomonas Vaginalis in Pap smears. Thesis, Diploma in Cytology. Baghdad University, 1999-2000.
- Cytological and Colposcopic Findings of the Uterine Cervix in Women using Combined Contraceptive Pills. Thesis, Iraqi Board for Specialization in Obstetrics and Gynecology, 1999-2001.
- Assessment of Cervical Lesions Colposcopically, Cytologically and Histopathologically. M.Sc. Thesis. College of Medicine, Baghdad University, 2000-2002.
- Evaluation of Abnormal Cervical Pap Smears by Colposcopy and Histopathology. Thesis, Iraqi Board for Specialization in Pathology, 2000-2002.
- Atypical Glandular Cells of Undetermined Significance: A Comparative Colposcopic, Cytological and Histopathological Prospective Study. Thesis, Iraqi Board for Specialization in Obstetrics and Gynecology, 1999-2002.
- Significance of Ca 15-3 biomarker in Early and Metastatic Breast Cancer. M.Sc. Thesis, College of Medicine, Baghdad University, 2000-2002.
- A Clinico-Epidemiological Study of Females attending the Main Training Center for Early Detection of Breast Tumours. Thesis, . Iraqi Board for Medical specialization in Community and Family Medicine, 2002-2004.
- The Value of Ultrasound in Diagnosis of Breast lesions: a Comparative Clinico-Pathologic Study. Dissertation,, Diploma in Medical Radiodiagnosis., 2003-2004.
- Recording the Accuracy of Diagnosing Breast Lesions by Applying Triple Assessment Technique in a Referral Center for Early Detection of Breast Tumours. Thesis, Iraqi Board for Specialization in Pathology, 2001-2004 .
- Recording the Significance of the Biofield Diagnostic System (BDS) in Early Detection of Breast Tumours. Thesis, Iraqi Board for Specialization in Surgery, 2004 - 2005 .
- Staging of Mammary Carcinoma: an Evaluation of 3000 Cases Collected from Different Iraqi Governorates. Thesis, Iraqi Board for

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Medical Specialization in Community and Family Medicine, 2004 - 2005 .

- Mammography versus Breast Ultrasonography in Diagnosing Breast Lesions. Dissertation,, Diploma in Medical Radiodiagnosis., 2005.
- Correlation of the findings of Biofield Breast Cancer Diagnostic System with Clinicopathological parameters of Iraqi Mammary Carcinoma. Thesis, Iraqi Board for Medical Specialization in Pathology 2006 – 2007
- Correlation of the Clinicopathological Presentations of Iraqi Breast Cancer Patients With the Findings of Biofield Breast Cancer Diagnostic System (BDS), HER-2 & Ki-67 cellular Expressions. PhD Thesis in Pathology, College of Medicine, Baghdad University, 2006 – 2009.
- Clinicopathological Findings related to P53 Tumor Marker in Premenopausal Patients with Breast Cancer. Thesis, Iraqi Board for Medical Specialization in Pathology 2007 – 2009
- Tumour Markers of Predictive and Prognostic Significance in Mammary Carcinoma. PhD Thesis in Pathology , College of Medicine, Baghdad University, 2007 – 2010.
- Comparative Demographic and Clinico-pathological Study on the behaviour of Mammary Carcinoma in Three Iraqi Governorates. M.Sc. Thesis in Pathology , College of Medicine, Baghdad University, 2008-2010.
- The Risk of Loco-regional Recurrence among Iraqi Breast Cancer Patients. Thesis, Iraqi Board for Medical Specialization in Community Medicine, 2007 - 2010
- Immunohistochemical Analysis for Estrogen, Progesterone Rreceptors, P53 Protein and Ki67 in Breast Cancer Biopsies inf Iraq and Syria. PhD Thesis in Pathology , College of Medicine, Baghdad University, 2008 – 2010.
- Correlation of the Frequency of Tumour marker Br Ca1 with the Clinicopathological Presentations of Breast Cancer Patients in Iraq. Thesis, Iraqi Board for Medical Specialization in Pathology, 2009 – 2011.
- Correlation of the findings of Breast Ultrasonography, Digital Mammography and FNAC in impaplpable Breast Cancer. Thesis, Iraqi Board for Medical Specialization in Radiology 2011.
- Demonstration of Human Papilloma Virus infection in Cervical Biopsies of Iraqi Patients complaining of Cervical Erosion. M.Sc. Thesis in Pathology , College of Medicine, Baghdad University, 2012-2013..
- Pap smear Cytology, Colposcopy and HPV detection as screening tools for Cervical Cancer in Iraq. Thesis, Iraqi Board for Medical Specialization in Gynecology, 2012-2013.
- Immunocytochemical Assessment of Estrogen, Progesterone Receptor Contents and HER2-neu Over Expression in a sample of Iraqi Breast Cancer Patients: Thesis, Iraqi Board for Medical Specialization in Pathology, 2012- 2013..
- Evaluation of Estrogen, Progesterone Receptor Contents and HER2-neu Over Expression in a Tru cut specimens of Breast Cancer Patients: Thesis, Arabici Board for Medical Specialization in Surgery, 2012-2013.
- Evaluating the Diagnostic and Prognpstic Value of Human Mammoglobin (MGB1) and Cytokeratin 19 Gene Expressions in Iraqi Breast Cancer Patients. PhD thesis. College of Applied Medical Science, 2013
- Demonstration of ER & PR Expressions in Needle Aspirates Cytological Specimens of Breast Cancer Patients in Iraq M.Sc. Thesis in Pathology , College of Medicine, Baghdad University, 2013.
- Detection of Free Radicles in Biopsy Specimens of Breast Cancer Tissues. PhD.. Thesis. in Pathology College of Technology, Technical Institute, 2012-2013.
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