

CURRICULUM VITAE

2017

Name: Iman Ahmed Mamdouh Talaat Aly

Nationality: Egyptian

CONTACT INFORMATION:

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EDUCATION:

July 2004- July 2008

MD, PhD in Pathology, University of Alexandria, Egypt

July 2007

PhD thesis defense; thesis entitled: Histopathological and Immunohistochemical Study of Gastrointestinal Lymphoma with the Detection of Translocation t(11;18) by Fluorescence in Situ Hybridization.

June 2000-june 2003

Master degree in Pathology, University of Alexandria, Egypt

July 2001

Master thesis defense: thesis entitled; Detection of Human Papilloma Virus in Laryngeal Carcinoma by Means of in Situ Hybridization Technique.

November 1997

M.B.B.Ch. Alexandria University Graduated with an excellent grade

1977-1991

French School (*Notre Dame de Sion*) in Alexandria

CURRENT POSITION:

Associate Professor of Pathology, Clinical Sciences Department, College of Medicine, University of Sharjah, UAE

Associate Professor of Pathology, Pathology Department, Faculty of Medicine, Alexandria University, Egypt

PROFESSIONAL EXPERIENCE

24/12/2013 till present: Associate Professor of Pathology and Consultant of Histopathology

23/9/2008 – 23/12/2013: Lecturer of Pathology and Specialist of Histopathology

Diagnostic Pathology:

- Diagnostic surgical pathology of specimens received at the Pathology Department from all surgical wards of the University Hospitals including: biopsies, cytology material, fine needle aspiration biopsies and frozen sections
- Member of the team running the immunohistochemistry laboratory of the Pathology department
- Member of the Pediatric Oncology Board (POB) at Alexandria Faculty of Medicine

Teaching Activities:

- Teaching students of the 2nd and 3rd years of Medicine (Integrated system, Modules)(Lectures, sections, TBL, and ILA)
- Teaching students of the 2nd and 3rd years of Medicine (Filière Francophone de Médecine d'Alexandrie (FFMA)) (Integrated system, Modules) (lectures, sections, TBL and ILA)
- Teaching students of the 2nd years and 3rd years of international division (Lectures, Sections, TBL and ILA) (Integrated system, Modules)
- Teaching general and surgical pathology to postgraduate students (Master and PhD degree) (Different specialties)

Academic and Research Work:

- Supervision of theses of Pathology as well as of other specialties
- Participation in research work in the field of pathology and FISH technique
- Participation in conferences and seminars

15/8/2003 –22/9/2008 : Assistant Lecturer of Pathology

- Gross dissection of hospital inpatients tissue specimens (Alexandria University hospitals)
- Performing FNA for hospital inpatients as well as in outpatient clinic
- Case diagnosis under guidance of senior professors
- Conduct own research
- Clinical presentation of cases at regular scientific meetings
- Lecturing practical classes of pathology curriculum
- Immunohistochemical staining (manual) of tissue sections as well as interpretation their results

13/12/1999 – 14/8/2003: Demonstrator of Pathology

- Cutting up and processing all specimens received in the department. (20-30 cases daily)
- Assist in case diagnosis under guidance of senior staff members.
- Teaching practical classes both Gross and histopathology to national as well as international students (in both French and English languages).

1/3/1998- 29/2/1999: House Officer in Alexandria University Hospitals

FIELDS OF SCIENTIFIC INTEREST

Breast pathology
Lymphoma
GIT pathology
General surgical pathology
In situ hybridization
Fluorescence in situ hybridization (FISH)

PROFESSIONAL MEMBERSHIPS

1. Member of the **International Academy of Pathology** (Arab division) since 2008.
2. Member of the **Egyptian Society of Pathology**, since 2007.
3. Member of the **Egyptian Association of Advancement of Medical Basic Sciences (EAMBS)**.

EDITORIAL BOARD MEMBERSHIP

Member of the editorial board of the **American Journal of Biomedicine** ISSN 2333-5106

CONFERENCES, COURSES AND WORKSHOPS

1. Pathology of Gastrointestinal tract. Kasr El Aini Faculty of Medicine, Cairo University. 2004.
2. Workshop on hematopathology. National Cancer Institute. June 2006.
3. Egyptian medical syndicate. Alex Branch. Recent advances in laboratory medicine. May 2007.
4. Egyptian society of Pathology, Scientific meeting. November 2008.
5. Future Medicine. Faculty of Medicine. 29th Annual Scientific Congress. 14-16 May 2008.
6. Hepatopancreatobiliary Unit Alexandria University. 1st Bi-annual conference. 15 January 2009.
7. 32nd Ain Shams International Medical Congress. March 19-22, 2009
8. Sixth integrated symposium. Parasitic liver diseases. 30 March 2009.
9. Recent advances in laboratory medicine. May 2009.
10. 30th annual scientific congress of faculty of medicine, University of Alexandria, in collaboration with Northwestern University-USA. Nanomedicine from theory to therapy. Introduction and detection of nanoparticles in mammalian cells workshop. 10, 13-14 June, 2009.
11. 30th annual scientific congress of faculty of medicine, University of Alexandria, in collaboration with Northwestern University-USA. Nanomedicine from theory to therapy. 11-12 June 2009.
12. Egyptian society of pathology, scientific meeting, November 2009.
13. GIT endoscopy in inflammatory bowel diseases. 9-11 December 2009.
14. Hands on basic techniques in cell culture. 8-10 November 2009.
15. Recent advances in laboratory medicine. 5-7 May, 2010.

16. Accreditation of Medical Schools. 31st Annual Scientific Congress of AFM. 6-8 May 2010.
17. The fifth conference of the laboratory medicine. 8-10 May 2010.
18. Molecular classification of breast cancer. 16 May 2010.
19. Fermentas Molecular Biology seminar. 21 July 2010.
20. The first annual conference of Alexandria pediatric oncology board (Alex-POB). Towards integration in pediatric oncology. A multidisciplinary approach. 30th October – 1st November
21. XXII congress of the international academy of pathology-Arab Division, Gynecology Workshop (December 15th, 2010)
22. XXII congress of the international academy of pathology-Arab Division. December 16-18, 2010
23. The 3rd breast and gynecological international cancer conference. 13-14 January, 2011
24. The Egyptian association of advancement of medical basic sciences and Egyptian association of diabetes. Diabetes from theory to therapy. March 24, 2011.
25. Recent advances in laboratory medicine. 1-2 June 2011.
26. Third annual pathology workshop on skin tumors. 8 December 2011.
27. The integrative symposium on renal failure. April 22, 2012.
28. Clinicolaboratory Integration: Bridging the Gap. 7th Conference of the Laboratory Medicine in Alexandria. 26-28 September, 2012.
29. Egyptian society of pathology scientific meeting, October 2012.
30. The 4th annual pathology workshop on update on gynaecological pathology. January 16th, 2013.
31. Emirates surgical pathology conference. Abu Dhabi, UAE, 7-9 February 2013.
32. The 10th integrated conference that addresses medicine and the search for the fountain of youth. April 11th, 2013.
33. Specialized universal network of oncology. Urological malignancies conference. 18-19 April 2013.
34. The 32nd Annual Conference of Alexandria Faculty of Medicine, March 5th-6th 2014.
35. The 11th Annual Conference of the Egyptian Association of Advancement of Medical Basic Sciences EAMBS. The Burn Wound: From Basics to Management. April 28th, 2014.
36. The 5th Annual Pathology Workshop on: Role of Fine Needle Aspiration Cytology in Breast and Thyroid Lesions, Diagnostic Criteria and Pitfalls. April 30th 2014.
37. The scientific meeting in Cairo of the Egyptian Society of Pathology. October 12th-13th 2014.
38. Premier congrès de la filière francophone de médecine. Faculté de Médecine. Université d'Alexandria. 22-23 Novembre 2014.
39. The Workshop on Malignant Lymphoma by the Royal College of Pathologists. February 10th-12th, 2015.
40. The 32th International Combined Otorhinolaryngology Congress Alex-ORL 2015. April 8th-10th, 2015.
41. Postgraduate Specialty Training, Assessment and Examinations in Pathology and Laboratory Medicine by the Royal College of Pathologists. April 18th-19th, 2015.

42. The Arab-British School of Pathology, Urogenital Pathology. May 13th-15th, 2015.
43. The 33nd Annual Conference of Alexandria Faculty of Medicine. Road Traffic Injuries-Where are we. May 21st-22nd, 2015.
44. The Arab School of Pathology. Head and neck updates seminar. October 22nd-23rd, 2015.
45. Egyptian Society of pathology Scientific Meeting. 25th-26th October, 2015.
46. 4th Emirati German Congress in Medicine. 6th-8th November 2016. University of Sharjah. UAE.
47. BGICC. 14-15 January 2016.
48. Workshop: Rules for promotion of faculty in UOS. 16th February 2017.
49. MedEdDXB a premier medical education conference at MBRU, Dubai, UAE. 2nd-3rd March 2017.
50. College of Medicine Research Seminar. 18th March 2017. University of Sharjah. UAE.
51. Class Time Reconsidered: Active Learning in the University Classroom. 30th April 2017. Institute of Leadership in Higher Education. University of Sharjah. UAE.

COURSES (IT and MEDICAL EDUCATION)

1. Training course in Power-Point. August 2004
2. Training course on medical e- libraries, held by The Ministry of Health and Population sponsored by the National Information Center of Health and Population (NICH) in collaboration with WHO and Faculty of Medicine Alex University. August 2005
3. Workshops in medical education. September 2005, February and April 2006
4. *Workshop* on interactive presentation in teaching, Alexandria University, Faculty of Medicine, March 2006
5. Bologna Process. Exchange of experience focusing on the Bologna process at Alexandria University in Egypt 12- 14 March 2007
6. Small group teaching. Workshop of medical education department, AFM, October 2008.
7. Training courses in IT, Word processing, Windows, Access, Excel, Power point and Internet offered by the ICTP of Alexandria University. 2008.

OTHER COURSES

1. International Computer Driving License, ICDL
2. IELTS
3. Effective presentation skills
4. Teaching with technology
5. Effective teaching
6. Code of ethics
7. New trends in teaching
8. Thinking skills
9. Time and meeting management
10. Organizing scientific conferences

11. Exams and students evaluation systems
12. Team based learning and integrated learning activity
13. Competitive research projects
14. Research ethics
15. International Publishing of Research

NATIONAL AND INTERNATIONAL PRESENTATIONS

1. Detection of Human Papilloma virus genome in laryngeal Carcinomas by means of in situ hybridization. 2002.
2. Pancreatic cystic lesions. Lecture. Journal Club of the pathology department, Faculty of Medicine, Alexandria University, 2003.
3. Pathological and immunohistochemical study of gastrointestinal lymphomas with detection of chromosomal translocation t(11; 18) by fluorescence in situ hybridization. Presentation to the XIV meeting of the European Association for Hematopathology: Bordeaux 20-25 September 2008.
4. Her2neu and breast cancer in the era of targeted therapy. Presentation in the conference of laboratory medicine, Alexandria, May 2010.
5. Molecular techniques in the diagnosis of pediatric tumors. Presentation in the first annual conference of Alex pediatric oncology board (POB). (30 Oct.-1 Nov. 2010)
6. Expression of cell cycle regulators p53, p27, and p21 in mucoepidermoid and adenoid cystic carcinomas of the minor salivary glands. (Presented, December 16th 2010, in XXII congress of the international academy of pathology-Arab Division)
7. Detection of Her2neu amplification using immunohistochemical staining and fluorescent in situ hybridization on paraffin sections/fine needle aspirate of breast cancer. Presented in Emirates Surgical Pathology Conference (ESPC), 7-9 Feb 2013.
8. Fine Needle Aspiration of Neck Lesions: Advantages and Limitations. Presented in the 32th International Combined Otorhinolaryngology Congress Alex-ORL 2015. April 8th-10th, 2015.
9. Evaluation of Immunohistochemical staining Of Securin and Ki-67 In Invasive Breast Carcinoma using semiquantitative method and ImmunoRatio®: comparative study. Accepted for oral presentation in “6th World Congress on Breast Cancer Therapy” which is going to be held during October 16-18, 2017 at San Francisco, USA.

PUBLICATIONS

1. Elwany S, Talaat I. The septal body revisited. *J Laryngol Otol.* 2009; 123(3):303-8.
2. El Sheikh S, Talaat I. Detection of Bcl6 translocation in head and neck diffuse large B cell lymphoma by interphase fluorescence in situ hybridization. *Cairo Dental Journal*; 2010: 459-67.
3. Hashad D, Hashad M, Talaat I, Ibrahim M. Role of Glutathione-S-Transferase P1 hypermethylation in molecular detection of prostate cancer. *Genetic Testing and Molecular Biomarkers*, 15 (10); 2011: 667-70.

4. Elwany S, Ibrahim A, Mandour Z, Talaat I. Effect of Passive Smoking on the Ultrastructure of the Nasal Mucosa in Children. *The laryngoscope* 2012; 965-9.
5. Iman Talaat, Nagwa Mashali, Samr El-Sheikh. Detection of Translocation t(11;18) by FISH in GIT MALT Lymphomas: Pathological and Immunohistochemical Study of Gastrointestinal Lymphomas, published by LAP LAMBERT Academic Publishing (May 27, 2012), **ISBN-10:** 3848440776, **ISBN-13:** 978-3848440771.
6. Hashad D, Sorour A, Ghazal A, Talaat I. Free Circulating Tumor DNA as a Diagnostic Marker for Breast Cancer. *Journal of Clinical Laboratory Analysis* 2012; 26: 467-72.
7. Talaat Iman, Sorour Amani, Abdel-Hadi Mona. Detection of HER-2/neu Amplification on Fine Needle Aspirates of Breast Cancer Using Fluorescent in Situ Hybridization. *J Cancer Therapy* 2013; 4(7): 41-8.
8. Abdel Maksoud R, Talaat I, Abo Khadr N, Sobhy N, El Garem Y, Hussein T, Saad S. Detection of FOXP3 positive cells in psoriasis vulgaris and erythrodermic psoriasis using immunohistochemistry. *Egypt J Pathol* 2013; 33(1): 34-41.
9. Talaat I. Expression of cell cycle regulators p53, p27, and p21 in mucoepidermoid and adenoid cystic carcinomas of the minor salivary glands. *Egypt J Pathol* 2013; 33(1): 120-6.
10. Elwany S, Saeed Y, Talaat I. The effects of Passive Smoking on the Respiratory Nasal Mucosa in adults. *J Laryngol Otol* 2013; 127(10): 977-81.
11. Amani Fouad Sorour, Iman Mamdouh Talaat, Tamer Mohammed Abou Youssif, Mohamed Adel Atta. Detection of Polymorphisms of DNA Repair Genes (XRCC1 and XPC) in Prostate Cancer. *J Cancer Therapy* 2013; 4(10): 1499-505.
12. EE Mohamed, IM Talaat, AEDAA Alla, AM ElAbd. Diagnosis of exudative pleural effusion using ultrasound guided versus medical thoracoscopic pleural biopsy *Egyptian Journal of Chest Diseases and Tuberculosis* 2013; 62 (4), 607-615.
13. MM El Temsahy, EDH El Kerdany, MM Eissa, TI Shalaby, IM Talaat. The effect of chitosan nanospheres on the immunogenicity of Toxoplasma lysate vaccine in mice. *Journal of Parasitic Diseases* 2014; 1-16.
14. Iman Talaat, Galila El-Tawil, Suzan Helal. Detection of human papilloma virus genome in laryngeal carcinoma by means of in situ DNA hybridization , published by LAP LAMBERT Academic Publishing (December 17, 2014). **ISBN-13:** 978-3-659-66124-2, **ISBN-10:** 3659661244
15. Saba El-Gendi, Iman Talaat, Mona Abdel-Hadi. HER-2/Neu Status in Gastric Carcinomas in a Series of Egyptian Patients and Its Relation to Ki-67 Expression. *Open Journal of Pathology*, 2015, 5, 101-113.
16. Asmaa F. Hamouda, Nadia Z. Shaban, Iman M. Talaat. Effects of Some Pyrimidine Derivatives and Pomegranate Juice on Male Rat kidney Injuries Induced by Diethylnitrosamine and Carbon tetrachloride. *Biological and Chemical Research*, Volume 2015, 215-229 | Science Signpost Publishing.

17. Foda AAM, Abdelzaher E, Talaat I. Characterization of HER2 Gene/Protein and Ki67 Protein Expressions in Colorectal Carcinoma Variants With Relation To Clinicopathological Parameters and Prognosis: An Immunohistochemical and Fluorescence In Situ Hybridization Study. *J Interdiscipl Histopathol*. Online First: 08 Oct, 2015. doi:10.5455/jihp.20151002124135
18. Salah Abdel-Rahman, Nadia Shaban, Amany Haggag, Doaa Awad, Ahmad Bassiouny, Iman Talaat. Inhibition of NF- κ B, Bcl-2 and COX-2 Gene Expression by an Extract of *Eruca sativa* Seeds during Rat Mammary Gland Carcinogenesis. *Asian Pac J Cancer Prev*, 2015; 16 (18), 8411-8. DOI:http://dx.doi.org/10.7314/APJCP.2015.16.18.8411
19. Nadia Shaban, Salah Abdel-Rahman, Amany Haggag, Doaa Awad, Ahmad Bassiouny, Iman Talaat. Combination between Taxol-Encapsulated Liposomes and *Eruca sativa* Seed Extract Suppresses Mammary Tumors in Female Rats Induced by 7,12 Dimethylbenz(α)anthracene. *Asian Pac J Cancer Prev*, 17 (1), 117-123. DOI:http://dx.doi.org/10.7314/APJCP.2016.17.1.117
20. Mohamed Youssef, Lobna Abdelsalam, Reem Abdelhameed Harfoush, Iman M. Talaat, Eman Elkattan, Abeer Mohey, Rana M.A. Abdella, Marwa Salah Farhan, Hany Ahmed Foad, Abeer Mostafa Elsayed, Naglaa A Elkinaai, Doaa Ghaith, Mohamed elsayed rashed, Mohamed Abd-El Ghafar, Yasser Khamis and Ahmed N. Hosni. Prevalence of human papilloma virus (HPV) and its genotypes in cervical specimens of Egyptian women by linear array HPV genotyping test. *Infectious Agents and Cancer*, 2016; 11 (6). DOI 10.1186/s13027-016-0053-1
21. Achmawi, Ghada A.; Elsayy, Noha; El Assi, Hoda; Kassem, Heba Sh.; Talaat, Iman M.; El-Gendi, Saba M. Dystrophin expression in an Egyptian family suffering from muscular dystrophy. *Egyptian Journal of Pathology*, 2016; 36(1): 61-5. doi: 10.1097/01.XEJ.0000484375.57170.ca
22. Hamam, Soheir M.; El Sabaa, Bassma M.; Talaat, Iman M.; Nassra, Rasha A.; Abdelmonsif, Doaa A. Methyl Guanine Methyl Transferase Methylation Status and Epidermal Growth Factor Receptor expression in a cohort of Egyptian glioblastoma patients. *Egyptian Journal of Pathology*, 2016; 36(2): 282-8. DOI Number: 10.1097/01.XEJ.0000511094.91402.70
23. Mokhtar Abdel Khalek Bassiouni; Mohamed Bassiouni Atalla; Ahmed Amin Omran; Mohamed Eid Ibrahim; Iman Mamdouh Talaat; Al Nagy Ibreak Abdel Kader. Evaluation of diffusion weighted MRI sequence as a predictor of middle ear cleft cholesteatoma: Imaging, operative and histopathological study. *Egyptian Journal of Ear, Nose, Throat and Allied Sciences* 2017. DOI: 10.1016/j.ejenta.2017.01.004
24. Shaban, N.Z., Talaat, I.M., Elrashidy, F.H. et al. Therapeutic role of *Punica granatum* (pomegranate) seed oil extract on bone turnover and resorption induced in ovariectomized rats. *J Nutr Health Aging* 2017: 1-8. doi:10.1007/s12603-017-0884-5
25. El-Gendi S, Talaat I, Abu-Sheasha G. The Ki67 Index as a Prognostic Marker in Primary Hormone Receptor Positive/Her2 Negative Luminal Breast Carcinoma. In *LABORATORY INVESTIGATION* 2017 Feb 1 (Vol. 97, pp. 40A-41A). 75 VARICK ST, 9TH FLR, NEW YORK, NY 10013-1917 USA: NATURE PUBLISHING GROUP.

RESEARCH SUPERVISION

1. Histopathological and electron microscopic study of vocal cord fold nodules and polyps. Master thesis. 2008.
2. The effect of cigarette smoking on nasal respiratory mucosa and nasal bacterial flora. Master thesis. 2008.
3. Study of pre-operative biopsy findings and post-operative definitive pathology in bladder cancer patients treated by cystectomy. Master thesis. 2009.
4. Role of cyclooxygenase 2 in hepatocellular carcinoma and hepatitis C virus. Master thesis. 2009.
5. The treatment of osteoporosis in postmenopausal ovariectomized rats using pomegranate estrogens. Master Thesis. 2011.
6. Treatment of breast cancer by purine derivatives in rats. PhD Thesis. 2012
7. The effect of chitosan nanospheres on the immunogenicity of toxoplasma lysate vaccine in mice. PhD Thesis. 2012.
8. Osteocyte apoptosis under different orthodontic force magnitudes in rats: An immunohistochemical study. PhD Thesis. 2016.
9. Evaluation of Immunohistochemical staining of Securin and Ki-67 in Invasive Breast Carcinoma using semiquantitative method and ImmunoRatio®: comparative study. Master Thesis. 2016.
10. Role of immunohistochemistry in early detection of bone marrow micro metastases in breast cancer. Master Thesis. 2016.
11. Role of immunohistochemistry in early detection of bone marrow micrometastases in breast cancer. Master Thesis 2017.
12. Clinicopathological study of breast cancer in young females (under 40 years old). Master Thesis. 2017.

ARTICLES REVIEWED

1. *GLA* nonsense mutation (c.485G>A) in a three-generation family. British Journal of Medicine and Medical Research. 3 September 2015.
2. The p53 codon 72 polymorphism in Moroccan women and the risk of ovarian cancer. British Microbiology Research Journal. 15 October 2015.
3. The importance of core needle biopsy as initial procedure in diagnosing of invasive ductal breast cancer. British Journal of Medicine and Medical Research. 16 February 2017.
4. Cytodiagnosis of disseminated rhinosporidiosis – A case report. International Journal of Tropical Disease & Health. 24 May 2017.

GRANTS

1. Gene Expression Profile in a group of young Egyptian colorectal Cancer Patients on treatment. Research Enhancement Program (ALEX REP) Egypt.2011 – 2012.
2. Intelligent Therapeutic Nanomedicine: Multiple Functionalization of Gold Nanoparticles to target induced Oral Squamous Cell Carcinoma (an experimental study). Research Enhancement Program (ALEX REP) Egypt. 2013- 2014.
3. Role of miRNA-16 Expression in Cutaneous T- cell Lymphomas (CTCLs) and its Relation to Apoptosis Related Genes (bcl2, survivin). College of Medicine, UOS, March 2017.

PRIZES and AWARDS

1. Hashad D, Hashad M, Talaat I, Ibrahim M. Role of Glutathione-S-Transferase P1 hypermethylation in molecular detection of prostate cancer. Genetic Testing and Molecular Biomarkers, 15 (10); 2011: 667-70. Alexandria university award.
2. Hashad D, Sorour A, Ghazal A, Talaat I. Free Circulating Tumor DNA as a Diagnostic Marker for Breast Cancer. Journal of Clinical Laboratory Analysis 2012; 26: 467–72. Alexandria university award.

LANGUAGES:

Beside mother language (**Arabic**):

French: Excellent

English: Excellent