

**CURRICULUM VITAE**

**NAME** : **ISSAM MICHEL FRANCIS**

**PLACE OF BIRTH** : Lebanon, 1957

**NATIONALITY** : Lebanese

**MARITAL STATUS** : Married with two children (1989, 1991)

**QUALIFICATIONS**

<b><u>DEGREE</u></b>	<b><u>INSTITUTE</u></b>	<b><u>DATE</u></b>
<b>BACHELOR OF BASIC MEDICAL SCIENCE</b>	Kuwait University	1980
<b>BACHELOR OF MEDICINE &amp; SURGERY</b>	Kuwait University	1983
<b>MRC Path</b>	Royal College of Pathologists (UK)	1993
<b>FRC Path</b>	Royal College of Pathologists (UK)	2000
<b>MIAC</b>	International Academy of Cytology (USA)	1993

**PRESENT POSITIONS:**

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| 1- Department of Pathology<br>Faculty of Medicine<br>Kuwait University, Kuwait | <b>Associate Professor</b>                                    |
| 2- Kuwait Cancer Control Center<br>(HMJCSS)                                    | <b>Director of Pathology Department<br/>Chief Pathologist</b> |
| 3- Kuwait Institute for Medical<br>Studies (KIMS)                              | <b>MRC Path Tutor</b>   |
| 4- College of Graduate Studies<br>Kuwait University                            | <b>Postgraduate Teacher</b>                                   |

**DEPARTMENTAL RESPONSIBILITIES**

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| 1- Coordinator of pathology courses in Faculty of Allied Health and Nursing  | 1994/95    |
| 2- Coordinator of pathology teaching of fourth year medical students, faculty of medicine  | 1996 / 98  |
| 3- Coordinator of pathology teaching courses of 5 <sup>th</sup> year Medical students, Faculty of medicine                                   | 1996/97    |
| 4- Coordinator of monthly pathology conference for Kuwait pathologists.  | 1994/98    |
| 5- In charge of the electron microscopy laboratory in department of pathology.   | 1994 /1 97 |
| 6- In-charge of the computer archiving and reporting Services in pathology and cytology departments.   | since 1994 |
| 7- Coordinator of the histotechnology and pathology Courses of the pathology master program in department of pathology, faculty of medicine. | 1994 / 97  |

**OTHER RESPONSIBILITIES**

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|--|------------|
| 1. Nominated as a medical student advisor                          | since 1994 |
| 2. On referee list of Research Administration Of Kuwait University | since 1994 |

**POSTGRADUATE EXPERIENCE:****SPECIALITY****1. Postgraduate Residency Training:**

- | <b><u>SPECIALITY</u></b>  | <b><u>TITLE</u></b> | <b><u>PERIOD</u></b> |
|---|---------------------|----------------------|
| a. Medicine (Farwaniyah Hosp., Kuwait)                                  | Resident            | 6 M 1983             |
| b. Surgery (Mubarak K. Hosp., Kuwait)                                   | Resident            | 4 M 1984             |
| c. Gynae & Obst. (Adan Hosp., Kuwait)                                   | Resident            | 2 M 1984             |
| d. Paediatrics (Mubarak K. Hosp., Kuwait)                               | Resident            | 2 M 1984             |
| <b>2. Surgery (Mubarak K. Hosp., Kuwait)</b>                            | <b>Registrar</b>    | <b>1984-85</b>       |
| <b>3. Histopathology &amp; Cytology Unit (Mubarak K. Hosp., Kuwait)</b> | <b>Registrar</b>    | <b>1985 - 89</b>     |
| <b>4. Histopathology (St. Bartholomew's Hosp., London)</b>              | <b>Registrar</b>    | <b>1988</b>          |
| <b>5. Histopathology Department (Faculty of Medicine, Kuwait).</b>      | <b>Tutor</b>        | <b>1985 - 92</b>     |

6. Faculty of Allied Health Sciences and Nursing, Kuwait.	Tutor	1991
7. Histopathology & Cytology Unit (Mubarak K. Hosp., Kuwait)	Senior Registrar	1989 - 92
8. Histopathology Department (St. Bartholomew's Hosp., London)	Senior Registrar	1993

## **JOB DESCRIPTION**

### **1. Professional Work:**

1. Macroscopic and microscopic examination and reporting of routine surgical pathology specimens, including reporting frozen sections.
2. Ordering and interpretation of special tests in Pathology including special stains, immunofluorescence, immunoperoxidase and electron microscopy.
3. Performing autopsy, as well as reporting and demonstration of autopsy pathology findings.
4. Discussion with clinicians pertinent pathologic and clinical findings in patients.
5. Performing FNA on referred patients from superficial or deep sites (under radiological or ultrasonic guidance), preparation of cytological smears, as well as reporting cytological material of both FNA and exfoliative type.
6. Participation in joint clinico-pathologic meetings and departmental seminars in hospital and faculty.
7. Supervision, guidance and training of technicians in Histopathology and Cytology Units.

## **TEACHING:**

### **1- Undergraduate**

**At the Department of Pathology, Faculty of Medicine, Kuwait University.** This involved:

- 1- Lectures to 4th & 5th year medical students in general and systemic Pathology.
- 2- Demonstration of gross museum specimens, microscopic slides and 2x2 slides in Pathology practical classes, since 1985.
- 3- Conducting revision sessions before exams
- 4- Organizing and supervising practical or theory exams.
- 5- Preparation of suitable surgical specimens for teaching as museum jars, macro and microphotographs.

**At Faculty of Allied Health Sciences and Nursing.** This involved:

1. Lectures and Practicals, Histology and Cytology Course No. 362 to 3rd year Medical Laboratory Technologists.
2. Lectures in Histopathology to 4th year Medical Laboratory Technologists in Histopathology and Cytology Course No. 458.
3. Lectures and Practicals to 3rd year Medical Laboratory Technologists in Histopathology and Cytology Methods, Course No. 358.

**2- Postgraduate:**

- 1- Supervision and training of junior doctors in Pathology/Cytology units in routine service
- 2- Topic presentation in Departmental seminars including literature update.
- 3- Contribution to other departments seminars when histopathological aspects are addressed.
- 4- Conducting weekly slide seminars for juniors in Histopathology.
- 5- Conducting monthly joint Pathology meetings (for all Kuwait Hospitals) where special Pathology cases are presented.
- 6- Training of MRC Path. candidates including tutorials, slide discussion, specialty seminars, workshops etc.
- 7- Teaching of Pathology for Master candidates in the fields of cell biology, histotechnology, and systemic Pathology.
- 8- Participation in Kuwait Institute for Medical Specialization (KIMS) specialty seminars and workshops for postgraduate doctors.
- 9- Lectures to Ministry Histotechnologists arranged by the Laboratory Department, Ministry of Health.

## **RESEARCH EXPERIENCE:**

**Projects:** I have contributed in the following projects as a co-investigator:

<u>Grant Number</u>	<u>Chief Investigator</u>	<u>Year</u>
1. MG 004	S.A. Tibblin	1986
2. MG 002	M.S. Al Adnani	1987
3. MS 013	T. Abu-Nema	1987
4. MN 013	A.H. Elgazzar	1989
5. MS 014	H.G.B. Percival	1989
6. MR 037	M. S. Bitar	1997
7. 4421	A. Behbehani	1999
8. MP121	K. Whaley	2000

All Grants were provided by the Kuwait University Research Council.

## **THESIS SUPERVISION:**

### **I- MASTER THESIS SUPERVISION:**

#### **1- Proliferative indices and genetic markers in thyroid follicular lesions**

*By Fawzia Abass Al-Najjar*

Successfully completed and formally presented in December 1998

#### **2- Proliferative Indices and Gene Expression in Normal and Abnormal Endometrial Epithelia.**

*By Sawsan Ramadan Abdulla Hussain.*

Successfully completed and formally presented in January 1999

#### **3- Morphometric Study of Acute and Chronic Events in Renal Allograft Diseases.**

*By Dr. Azza H. El-Mesry.*

Successfully completed and formally presented in September 2000

#### **4- Detection of HPV and the expression of p53, and Ki67 in squamous cell carcinoma and inverted papilloma of the head and neck in Kuwait.**

*By Dema Aman Ahmad*

Successfully completed and formally presented in June 2000

### **II- PHD THESIS SUPERVISION:**

#### **1- PhD Thesis: Early Glomerular Changes in Diabetic Growth Hormone-Deficient Rats**

*By Slava Adel. Malatiali.*

Successfully completed and formally presented in December 2005

**PAPERS PRESENTED IN SCIENTIFIC MEETINGS & POSTER SESSIONS:**

1. S.A. Tibblin, **I.M. Francis**, P. Philips. angiogenic Activity of Human Thyroid Tissue. Poster session 1.16. In the 31st Congress of the International Society of Surgery (Paris, Sept. 1985).
2. H.G. Percival and **I.M. Francis**. Consequences of Leaving Colonic Anastomosis Defects in the Rat Model. In the 8th Joint Congress of the Asian Pacific Federations of the International College of Surgery (Thailand, 1989).
3. **I.M. Francis**, P.R. Hira, M.F. Tungekar. Parasites in the Appendix: Role of Helminths in Acute Appendicitis. In the 3rd Kuwait International Medical Sciences Conference (Kuwait, 1987).
4. **I.M. Francis** and B. Hagmar. Fine Needle Aspiration of Deep-Seated Lesions. In the 2nd Scientific Meeting of the International Academy of Pathology (Arab Division), (Amman, Jordan, 1989).
5. **I.M. Francis**, M.S. Al-Adnani and A. Elmekki. AFP and HBsAg Immunoperoxidase and Concurrent Serum Levels by ELISA in Primary and Secondary Hepatic Malignancy. A study using Fine Needle Aspiration Smears. Presented in the same conference of IAP.
6. **I.M. Francis**, and D. Das. Role of fine needle aspiration, intraoperative imprint cytology and frozen sections in diagnosis of breast lumps and thyroid lesions. The 9th scientific congress of the kuwait medical association. Kuwait, 17-20 October, 1994
7. Tuli M, Zaabi K , **I.M. Francis**, Saad M, Jacob T, Al-Buny A, Al-Enezy F, Nampiiry M, Naeem M and Al-Mohannadi S. Technetium-99m-MAG3 parameters in the diagnosis of renal transplant rejection. The 1st Kuwait international conference of radiology and nuclear medicine. Kuwait, March 12-15, 1995.
8. Nampoory MRN, Das DK, Halim M, Shihab M, Sreedharan R, **Francis I**, Nassim J and and Johny KV. Comparative study of ultrasonogram, renogram, fine needle aspiration cytology in the diagnosis of acute allograft rejection. The 1st Kuwait international conference of radiology and nuclear medicine. Kuwait, March 12-15, 1995.
9. A. N Malavia, MAF Qurttom, **I Francis**, and NC Nayak. Experience with panniculitis in a hospital based rheumatology clinic in Kuwait The Indian Rhrumatism Association Annual Conference (Bangalore ), India November 28 - 30 1997.
10. **I Francis**, T A Junaid, and Y Dajani. Telepathology & Routine Surgical Pathology Diagnosis : The Experience from Kuwait. Second Pan Arab Cancer Conference (Amman ), Jordan April 16 - 18, 1998.
11. **I Francis**, and Essam Al-Jajeh. Accuracy of Frozen Section Diagnosis of Thyroid Papillary Carcinoma. Second Pan Arab Cancer Conference ( Amman ), Jordan April 16 - 18, 1998.
12. **I. Francis**, T. A . Junaid, and Y Dajani, Telepathology service in the Arab World. (Invited lecture) in the 10<sup>th</sup> Scientific Meeting of the IAP (Arab Division) (Alexandria, Egypt) October, 1998

13. M. Abdulla, A. Al-Salim, A. Al-Juwaiser, **I. Francis**. Fine needle aspiration biopsy of azospermics: Could it replace histologic biopsy?. Presented in the International Congress of the International Academy of Pathology XXII, Paris), October 18-23, 1998 Abstract published in Arch. Anat. Cytol. Pathol. Clin Exp. Path page 418, 1998
14. **I. Francis**, T. A. Junaid, N. C. Nayak and A. Sirara. Pathology Teaching via the Internet: A proposal for Introducing an Internet-base pathology teaching material archive in the faculty of Medicine in Kuwait. Presented in the first GCC conference of faculties of medicine. Theme: Medical Education in G.C.C. Countries. 26 - 28 April, 1999, Kuwait
15. **I. M. Francis**, R. M. Makar. Plasma cell quantitation and sub-typing in relation to renal allograft rejection : An immunohistochemical study on paraffin sections of 134 renal allografts. The 5<sup>th</sup> Banff conference on transplant pathology, Canada. June, 1999
17. **I. M. Francis** & E. Al-Jajeh. Empty nuclei : A newly described diagnostic histological feature of thyroid papillary carcinoma in frozen sections. ( In The Third Annual Health Science Poster Day )
18. Hussain S. R, **Francis I.** And Junaid T. A. Estrogen Receptor and C-ErbB-2 Gene Expression in Endometrial Hyperplasia and Adenocarcinoma. ( In The Third Annual Health Science Poster Day )
18. A. Al-Salim, **Francis I.**, M. Abdulla, A. Al-Juwaiser, and John B. Comparison Between DNA Image Analysis and Cytology in the Assessment of Testicular Spermatogenesis. ( In The Third Annual Health Science Poster Day )
19. R.Makar, B. John, H. M. Bashir, Francis I. and Junaid T. A. Immunophenotyping for Hodgkin's Disease. ( In The Third Annual Health Science Poster Day )
20. F. A. Al-Najjar, Francis I. and Junaid T. A. CerbB-2 Oncogene and Rb Tumor suppresser Gene in Thyroid Follicular Lesions. ( In The Third Annual Health Science Poster Day )
22. **I. M. Francis** , A. Al-Salim , M. A. Abdulla , A. Al-Juwaiser , B. Jones , A. Prasad . Quantitative Assessment of Spermatogenesis : A Comparative Study of Cytology and DNA Static Image Analysis on FNAC Smears ( In The Fourth Annual Health Science Poster Day )
- I. M. Francis**, R. R. Makar, M. Abdulla, and T. A. Junaid. Static Digital Image Compression and Color Reduction Facilitates Image Storage & Internet Transmission Without Interference With Image Quality ( In The Fourth Annual Health Science Poster Day )
24. **I. M. Francis**, U. K. Luthra T. A. Junaid, M. Adyanju, B. John, S. S. George, A. Prasad. DNA Image Analysis in Breast Carcinoma : A Comparative Study on Paraffin Sections & Cytospin Preparation of Extracted Nuclei ( In The Fourth Annual Health Science Poster Day )
25. RK Gupta, MRN Nampoory, KV Johny, M. Samhan, **I Francis**, JN Constandi, MP Nair, and Al-Mousawi. Combined use of OKT3 and plasma filtration is highly successful in reversing acute Vascular rejection. (In The Fourth Annual Health Science Poster Day )
25. RK Gupta, MRN Nampoory, KV Johny, J Costandi, I Francis. Intravenous immunoglobulin in lupus nephritis. (In The Fourth Annual Health Science Poster Day )

26. DK Das, B Al-Ayadhy, TA Junaied, AA Shaheen, ZA Sheikh, M Mlik, S Khan, B Ebrahim, I Francis. Cytodiagnosis of nipple discharge: A study of 602 samples from 484 cases. (In The Fourth Annual Health Science Poster Day )
27. A H El-Masri, I M Francis, M Barac-Nieto, Renal Tissue Morphometry and Banff grading of renal allografts using image analysis: A coparative study of 214 renal biopsies.
28. S Khan, A Ayed, MA Abdulla, J George, SS George, UK luthra, M Malik, I Francis. Coparison of congentional and thinrprep preparations of sputum and broncho-alveolar lavage samples. (In The Fourth Annual Health Science Poster Day )
29. M K Malik, DK Das, I Francis, RAR Mohamed, SK Pathan, ZA Sheikh, UK Luthra. Fine needle aspiration cytologic features in subcutaneous granular cell tumors in a seven year old child: A case report. (In The Fourth Annual Health Science Poster Day )
30. VT Ninan, KV Johny, MRN Nampoory, AM Rizk, JN Costandi, N Al-Hilali, I Francis. Recurrence of scleroderma in renal allografts. (In The Fourth Annual Health Science Poster Day )
31. E.O Kehinde, M. Sheikh, **I Francis**, O.A Mojimoniyi, D. Bkassa Dwamena, KA Al-Awadi, JT Anim. Diagnostic Dilemma in Men with High Prostate Specific Antigen in the Middle East. Presented in the poster session of the 15<sup>th</sup> Congress of European Society For Urological Research, Insanbul, October, 5-7, 2000.
33. Mikhael MMS, Nair MP, Ninan VT. Costanty JN, Rizk AM, Marouf R. Frcnis I. Paroxysmal nocturnal hemoglobinuria presenting with acute renal failure, Health science poster day. April 21- 23, 2003
34. Hira PR, Al-Ali F, Shweiki H, Abdell N, Johny M, Francis I, Iqbal I, Thompson R, Neva F. Srongyloidiasishyperinfection: Challenges in diagnosis and management. Health science poster day. April 21-23, 2003
35. Das DK. Mallik MK. Sharma P, Sheikh ZA, Mathew PA, Sheikh M, Francis I. Cytomorphologyal features of papillary thyroid carcinoma in FNA smears: A study with special refernce to its tal cell variant. Health science poster day. April 21-23, 2003
35. Michael MMS, Nair MP, Ninan VT. Costanty JN, Rizk AM, Marouf R. Frcnis I. Paroxysmal nocturnal hemoglobinuria presenting with acute renal failure, Health science poster day. April 21- 23, 2003
36. Hira PR, Al-Ali F, Shweiki H, Abdell N, Johny M, Francis I, Iqbal I, Thompson R, Neva F. Srongyloidiasishyperinfection: Challenges in diagnosis and management. Health scienceposter day. April 21-23, 2003
37. Das DK. Mallik MK. Sharma P, Sheikh ZA, Mathew PA, Sheikh M, Francis I. Cytomorphologyal features of papillary thyroid carcinoma in FNA smears: A study with special refernce to its tal cell variant. Health science poster day. April 21-23, 2003
38. Gupta RK, Nair MP, Ninan VT. Costanty JN, Hamood H. Frcnis I. Impact of renal histology and therapy on outcome of pregnancy in lupus nehritis. Health science poster day April 19-21, 2004

39. The role of urine cytology in the diagnosis of urothelial malignancies: A Kuwait experience  
Haji BE, Kehinde EO, Kapila K, Anim JT, Francis I, Ali Y. Health science poster day April 19-21, 2004
40. Pathan SK, Ibrahim B, Mallik MK, Al- Ansary TA, Das DK, Francis I, Kapila K. Diagnosis of endometriosis by fine needle aspiration cytology- Six years Kuwait experience. Health science poster day April 19-21, 2004
41. Kapila K, George S, Das DK, Francis I, Mallik MK, Bahiya I, Sheikh ZA, Pathan SK, Al-Yatama M. Ovarian cyst fluid examination: A valuable diagnostic tool? Health science poster day April 19-21, 2004

**LIST OF PAPERS PUBLISHED IN SCIENTIFIC JOURNALS:**

**I- In Refereed but not indexed journals:**

**4 papers as follows:**

- 1- **I.M. Francis**, M.S. Al-Adnani and O.A. Abdul Majid. A case of Pulmonary Alveolar Microlithiasis. **J. Kwt. Med. Assoc.**, 1986, vol. 20: 153-158.
- 2- M. Sabha, **I.M. Francis**. Adenocarcinoma of the Urachus Involving the Urinary Bladder: A case Report. **J. Kwt. Med. Assoc.**, 1986, vol. 20: 147-151.
- 3- Helmi A. Fattah, Yaser K. Abdel-Al, Qassem A. Al-Saleh, Essam M. El-Khateb, and **I.M. Francis**. Cutaneous Mastocytosis: A report of six paediatric cases from Kuwait. **J. Kwt. Med. Assoc.** 1988, 22(4): 376-379.
- 4- M.H. Hamed, R.L. Bang and **I.M. Francis**. Bone Formation in Abdominal Surgical Scars. **Emirates Medical Journal**, 1988, 6: 185-190.

**II- I- In Refereed and indexed journals:**

**LIST OF PAPERS PUBLISHED IN SCIENTIFIC JOURNALS:**

- 1- Taiseer Abu Nema and **Issam Francis**. Atrial Myxoma Producing Acute Aortic Occlusion. **Vascular Surgery**. 1986 vol. 20, No. 4: 277-282.
- 2- A.G. Al-Zuhair, M.S. Al-Adnani, A.A. Al-Bader and **I.M. Francis**. Expression of Connective Tissue Stromal Elements in Human Cholangiocarcinoma. An Immunohistochemical and Ultrastructural Study. **J. Submicrosc. Cytol.**, 1987, 19 (2): 321-327.
- 3- T. Abu-Nema, Khalid Ayyash, Leif Bertman, Yousef Matinee, Gisli H. Sigurdsson, **Issam Francis** and Chriser Hellekant. Intra-aortic Balloon Tamponade During Hemorrhagic Shock in Sheep. **Circulatory Shock**, 1988, 24: 55-62.
- 4- P.R. Hira, L.G. Lindberg, **I.M. Francis**, H. Shweiki, Y. Shaheen, H. Leven and K. Behbehani. Diagnosis of Cystic Hydated Disease: Role of Aspiration Cytology. **The Lancet**, 1988, Sept. 17, 655-657.
- 5- S.A. Tibblin, L.J. Erkell, **I.M. Francis**, B. Hagmar, P. Philips and W. Ryd. Angiogenic Activity of Solid and Ascites - Transformed Syngeneic Murine Tumours. **Med. Principles Practice**. 1989, 1: 147-153.
- 6- K. Ayyash, G.H. Sigurdssom, Y. Matani, **I.M. Francis** and T. Abu-Nema. Intermittent Intra-aortic Balloon Tamonade During Hemorrhagic Shock. **Microcirc. Endoth. Lymphatics**, 1988, vol. 4: 419-431.

- 7- A.H. Elgazzar, R.H. Bahr, F.M. Abu-Zidan, **I.M. Francis**, M. Sabha, K. Kouris, M. Awdeh, H.M. Abdel-Dayem, K.E. Britton and T. Nilson. Experimental Complete Ureteric Occlusion in Sheep: Radionuclide Renography and Histopathologic Findings. *Nur J. Nucl. Med.*, 1990, 17: 230-233.
- 8- R.H. Bahr, A.H. Elgazzar, F.M. Abu Zidan, M. Sabha, **I.M. Francis**, K. Kouris, M. Awdeh, H.M. Abdel-Dayem, T. Nilsson and K.E. Bretton. The Predictive Value Of Tc-99ru DTPA Renography in Obstructive Uropathy Using Animal Model. *Am. J. Physiol.*, 1990, 5: 107-111
- 9- H. Kh. Al-Hassan, **I.M. Francis** and P. Neglen. Primary Closure or Secondary Granulation after Excision of Pilonidal Sinus. *Acta Chir Scand.*, 1990, 156: 695-699.
- 10- A. Banic, **I.M. Francis**, U. Nilsson. A Comparative Study of the Use of 9-0 Prolene in Microvascular Anastomosis. *J. Reconstructive Microsurgery.*, 1990, vol. (16): 293-297.
- 11- A. Banic, U. Nilsson and **I. Francis**. Magnification Angiography for the Evolution of Microvascular Anastomosis. *Microsurgery*, 1990, 11: 102-107.
- 12- S.A. Tibblin and **I.M. Francis**. Angiogenic Activity of Normal and Pathologic Human Thyroid Tissue. *Acta Chir Scand.*, 1990, 156: 683-687.
- 13- S.M. Diab, A.M. Karnik, B.A. Ouda, F.M. Denath, Fettich and **I.M. Francis** . Sarcoidosis in Arabs: The Clinical Profiles of 20 Patients and Review of the Literature. *Sarcoidosis*, 1991, 8(1): 56-62.
- 14- **I.M. Francis**, P.R. Hira, J. Matusik, L. Farid and M.F. Tungekar. Parasitic Infestation of the Vermiform Appendix: The experience in Kuwait. *Med Principles Pract.*, 1992-93, 3: 31- 39.
- 15- P.R. Hira, H.M. Shweiki and **I.M. Francis**. Cystic Hydatid Disease: Pitfalls in Diagnosis in the Middle East Endemic Area. *Journal of Tropical Medicine and Hygiene*, 1993, 96: 363- 369.
- 16- D.K. Das, S.K. Gupta, **I.M. Francis** and M.S. Ahmed. Fine Needle Aspiration Diagnosis on Non-Hodgkin's Lymphoma of the Thyroid: A report of four cases. *Diagnostic Cytopathology*, 1993, 9: 639-645.
- 17- S.K. Gupta, **I.M. Francis**, Z.A. Sheikh, N.A. Al-Rubah and D.K. Das. Intranuclear Reinke's Crystals in a Testicular Leydig Cell Tumor Diagnosed by Aspiration Cytology. A Case Report. *Acta Cytologica*, 1994, 38: 252-256.
- 18- D.K. Das and **I.M. Francis**. Fine Needle Aspiration (FNA) Cytology Diagnosis of a Sacrococcygeal Chordoma and its Recurrence. Letter to the Editor. *Diagnostic Cytopathology* 1994, vol. 10, No. 2: 194-199.
19. **I.M. Francis**, D.K. Das, N.A. Al-Rubah and S.K. Gupta. Lymphoglandular Bodies in Lymphoid Lesions and Non-Lymphoid Round Cell Tumors: Quantitative Assessment. *Diagnostic Cytopathology*, 1994, vol. 11, No. 1: 23-27.
20. **I.M. Francis**, D.K. Das, Z.A. Sheikh, P.N. Sharma and S.K. Gupta. Role of Nuclear Groove in the Diagnosis of Papillary Thyroid Carcinoma: A Quantitative Assessment on Fine Needle Aspiration Smears. *Acta Cytologica*, 1995, 39(3) 409-415.

21. **I.M. Francis**, D.K. Das. Role of Fine Needle Aspiration, Intra-operative Imprint Cytology and Frozen Section in Diagnosis of Breast Lumps and Thyroid Lesions. *Med Principles Pract.* 1999;8:173-182
22. Milad S. Bitar, Farook, T. Wahid S, and **I.M. Francis**. Glucocorticoid-Dependent Impairment of Wound Healing in Experimental Diabetes : Amelioration by adrenalectomy and RU 486. *J. Surg Res* 1999 Apr;82 (2):234-243
23. M. Sheikh, A. Al-Essa and **I Francis**. Ultrasound-guided core biopsy of the kidneys in infants and children: Kuwait experience. *Med Principles Pract.* 1999;8:213-316
24. Bitar M. S., Farook, T. John B., and **Francis I. M.** Heat-shock protein 72/73 and impaired wound healing in diabetic and hypercortisolemic states. 1999 Jun;125(6):594-601.
25. **I. M. Francis**; U.K. Luthra; M. Adeyanju; T. A. Junaid. Manual Versus Image Analysis Estimation of PCNA Nuclear Expression : A comparative study on paraffin Sections of 51 breast carcinomas. *Analytical and Quantitative Cytology and Histology*, 2000 22:(1)11-16.
- 26- **I M Francis**, D. K. Das, U. K. Luthra, Z. Sheikh, M. Sheikh. Value of radiologically guided fine needle aspiration cytology (FNAC) in the diagnosis of spinal tuberculosis : a study of 29 cases. in *Cytopathology* 1999;10, 390-401
- 27- F. M. Abu-Zidan, A. H. Al-Gazzar, R. H. Bahr, **I M Francis**, M Sabha, and T. Nilsson. A new experimental model for partial ureteric obstruction in sheep. *International Urology and Nephrology*. 31 (2). pp 149-155. 1999
- 28- Malaviya A. N. **Francis I M**, Kaushik P, Ayyash EH. Musculoskeletal manifestations with panniculitis- A hospital based study on 62 patients in Kuwait. ( Accepted for publication in *Rheumatology International*, 19:51-57 1999).
- 29- A. Al-Salim, **Francis I.**, M. Abdulla, A. Al-Juwaiser, and John B. Comparison Between DNA Image Analysis and Cytology in the Assessment of Testicular Spermatogenesis. *Medical Principles and Practice*, 1999;8:309-314
- 30- **I M. Francis**, T. A. Junaid. & Y. F. Dajani. Telepathology and routine surgical pathology diagnosis : A report on the first experience in the Arab World from Kuwait. *Med Principles Pract.* , 1999;8:255-265.
- 31- M. A. Abdulla, A. Al-Salim, A. Al-Juwaiser, **I. M. Francis**. Fine Needle Aspiration Biopsy of Azoospermic Testes : Could It Replace Histologic Biopsy ? ( Accepted for publication in *Acta Cytologica* (1999).
- 32- S. Budhiraja, A.N. Malaviya, A. Al-Asoussi, P. Kaushik, **I. M. Francis**. A Patient with Pulmonary – Renal Syndrome (Case presentation). *JIRA*. Vol 8, No. 1, March 2000
- 33- Bitar MS, **Francis IM**, Pilcher CW. Insulin-like growth factor 1-induced alterations in lumbospinal monoamine dynamics. *Horm Metab Res* 2000 Jun;32(6):207-15
- 34- M. Kumar Mallik, DK Das, **I M Francis**, Rana Al-Abdulghani, ZA Sheikh, UK Luthra. Fine Needle Aspiration Cytology Diagnosis of a Cutaneous Granular Cell Tumour in a Seven Year Old Child. A Case Report. ( Accepted in *Acta Cytologica*, October, 2000)

- 35- E. O. Kehinde, M. Shikh, O.A. Mojimoniyi, **I. Francis**, J.T. Anim, M. Nkansa-Dwanmena, and KA Al-Awadi. High serum prostate specific antigen level in the absence of prostate cancer in middle- eastern men: the clinician's dilemma. *BJU International*. 91, 618-622, 2003-06-10
- 36- Narayanan Nampoory, Kaivilayil Johny, Fuad Hassan, Mini Abraham, Latha Varma, Olusegun Mojiminiyi, Raj Raghupathy, **Issam Francis**, Mustafa Al-Mousawi. Proteinuria in Hepatitis C virus infected transplant recipients. A new look on its etiology and predisposing factors. (Manuscript)
- 37- Pathan SK, Francis IM, Das DK, Mallik MK, Sheikh ZA, Hira PR. Fine needle aspiration cytologic diagnosis of toxoplasma lymphadenitis. A case report with detection of a Toxoplasma bradycyst in a Papanicolaou-stained smear. *Acta Cytol*. 2003 Mar-Apr;47(2):299-303.
- 38- Dilip K. Das, Mallik KM, Zaffar AS, Pulliceamattathil AM, Mehrnaz S, Kahvic M, Madda JP, **Francis I**, Junaid, TA. Papillary thyroid carcinoma and its variants in fine needle aspiration smears: A cytomorphologic study with special reference to tall cell variant. *Acta Cytol*. 2004 May-Jun;48(3):325-36.
- 39- Hira, PR F Al-Ali, HM Shweiki, NA Abdella, M Johny, **Francis I**, J Iqbal, R Thompson, F Neva. Strongyloidiasis: challenges in diagnosis and management in non-endemic Kuwait. *Annals of tropical medicine and paracytology*. Vol 98, No 3, 2004
- 40 3B. Haji, Kapila, **IM Francis**, L Temmim, M. Ahmed : Cytomorphological features of metastatic mammary lobular carcinoma in cervicovaginal smears: report of a case and review of literature,. *Cytopathology*, 16: 42-48, 2005.
- 41- SK Pathan, K Kapila, B Haji, M Mallik, DK Das, **IM Francis**: Cytomorphological spectrum in scar endometriosis: a study of eight cases. *Cytopathology* , 16: 1-6, 2005.
- 42- Hussein A. Safar, Sawsan Abou Khamseen, Jalal Kansou, Shefeek Abubacker, **Issam Francis** and Sami Asfar: Vascular aneurysms in Behcet's disease. *Surgical Practice* (2005) 9, 35-40
- 43- Das DK, Pathan SK, **Francis IM**, Sheikh ZA, Al-Juwaiser A, Shaheen A, Prabha K, George J, Kapila K. Cytoplasmic colloid inclusions in thyroid lesions: a cytomorphological study based on fine needle aspiration. *Cytopathology*. 2005 Oct;16(5):233-9.
- 44- Pathan SK, Kapila K, Haji BE, Mallik MK, Al-Ansary TA, George SS, Das DK, **Francis IM**. Cytomorphological spectrum in scar endometriosis: a study of eight cases. *Cytopathology*. 2005 Apr;16(2):94-9.
- 45- Das DK, Pathan SK, **Francis IM**, Sheikh ZA, Al-Juwaiser A, Shaheen A, Prabha K, George J, Kapila K. Cytoplasmic colloid inclusions in thyroid lesions: a cytomorphological study based on fine needle aspiration. *Cytopathology*. 2005 Oct;16(5):233-9.
- 46- Haji BE, Kapila K, **Francis IM**, Temmim L, Ahmed MS. Cytomorphological features of metastatic mammary lobular carcinoma in cervicovaginal smears: report of a case and review of literature. *Cytopathology*. 2005 Feb;16(1):42-8.
- 47- Das DK, Al-Ayadhy B, Ajrawi MT, Shaheen AA, Sheikh ZA, Malik M, Pathan SK, Ebrahim B, **Francis IM**, Satar SA, Abdulla MA, Luthra UK, Junaid TA. Cytodiagnosis of nipple discharge: a study of 602 samples from 484 cases. *Diagn Cytopathol*. 2001 Jul;25(1):25-37.

48- Nampoory MR, Johny KV, Pacsa A, Nair PM, Said T, Halim MA, **Francis I**, Samhan M, Mousawi M, Dalawi A, Szucs G, Al-Nakib W. BK Virus Nephropathy in Renal Transplant Recipients in Kuwait: A Preliminary Report. *Transplant Proc.* 2005 Sep;37(7):3048-50.

49- Benter IF, **Francis I**, Cojocel C, Juggi JS, Yousif MH, Canatan H. Contribution of cytochrome P450 metabolites of arachidonic acid to hypertension and end-organ damage in spontaneously hypertensive rats treated with L-NAME. *Auton Autacoid Pharmacol.* 2005 Oct;25(4):143-54.

50- Benter IF, **Francis I**, Khan I, Cojocel C, Juggi JS, Yousif MH, Canatan H, Alshawaf EH, Akhtar S. Signal transduction involving Ras-GTPase contributes to development of hypertension and end-organ damage in spontaneously hypertensive rats-treated with L-NAME. *Pharmacol Res.* 2005 Jul 15; [Epub ahead of print]

51- Hira PR, **Francis I**, Abdella NA, Gupta R, Ai-Ali FM, Grover S, Khalid N, Abdeen S, Iqbal J, Wilson M, Tsang VC. Cysticercosis: imported and autochthonous infections in Kuwait. *Trans R Soc Trop Med Hyg.* 2004 Apr;98(4):233-9.

52- Hira PR, Al-Ali F, Shweiki HM, Abdella NA, Johny M, **Francis I**, Iqbal J, Thompson R, Nevar F. Strongyloidiasis: challenges in diagnosis and management in non-endemic Kuwait. *Ann Trop Med Parasitol.* 2004 Apr;98(3):261-70.

53- Elgazzar AH, Elsaid M, **Francis I**, Hamooda A. Evaluation of temporal scintigraphic changes of bone fractures in rabbits using multiphase bone scan. *World journal of nuclear medicine.* Volume 4, Number 1, January 2005

### **CONFERENCE ATTENDANCE:**

1. The 31st Congress of the International Society of Surgery (Paris, Sept. 1985).
2. The 8th Joint Congress of the Asian - Pacific Federations of the International College of Surgery (Thailand, 1989).
3. The 3rd Kuwait International Medical Sciences Conference (Kuwait, 1987).
4. The 2nd Scientific Meeting of the IAP (Arab Division) (Amman, Jordan, 1989).
5. A workshop on Ultrastructural Microscopy (Kuwait, 1989).
6. The 2nd UAE Cancer Conference (Abu-Dhabi, 1987).
7. The MCQ Workshop , Center of medical education, faculty of medicine, Kuwait 1994.
8. Data Design Workshop , Center of medical education, faculty of medicine, Kuwait 1994.

9. The 1st meeting of the European hematology association, (EHA), Belgium, Brussels June 2-5. 1994
10. Workshop on evaluation of medical skills, Center of medical education, faculty of medicine, Kuwait. 1995.
11. Workshop on oral examination. Center of medical education, faculty of medicine, Kuwait, 1995.
12. The 18th annual course of surgical pathology of neoplastic diseases, by Memorial Sloan-Kettering Cancer Center, Florence, Italy, May 1-5 1995.
13. Current concepts in tumor pathology meeting. HCI International Medical Centre, Scotland UK September 1995.
14. Applied biostatistics and computer applications workshop. KIMS, Kuwait, November 25-29 1995.
15. Workshop on molecular biology in medicine by the department of biochemistry Faculty of Medicine Kuwait University ( May 1997).
16. The 9<sup>th</sup> Scientific Meeting of the IAP (Arab Division) ( Beirut, Lebanon), 1997
17. Second Pan Arab Cancer Conference ( Amman ) , Jordan April 16 - 18, 1998.
18. Royal College of Pathologist Seminars: The Calman Cancer Units Meeting. Minimal Standards of cutting and reporting. 21<sup>st</sup> May 1998 (London, UK)
19. The 10<sup>th</sup> Scientific Meeting of the IAP (Arab Division) ( Alexandria, Egypt), 1998
20. the First GCC conference of faculties of medicine. Theme : Medical Education in G.C.C. Countries. 26 - 28 April, 1999, Kuwait
21. The 5th Banff conference on transplant pathology, Canada. June 1999.
22. The Role of Cytology in the Detection of Virus Infection, London, June, 2000
23. International Symposium on new Trends in the Management of Lymphoma. Kuwait. November, 2000
24. Symposium on Forensic Medicine: Practice, training, Career Perspectives And Selected Topics. KIMS, Faculty of Laboratory Medicine, January 27-29, 2001

### **MINISTRY OF PUBLIC HEALTH TRAINING SEMINARS & WORKSHOPS :**

I have been invited to contribute to seminars and workshops in the ministry of health in Kuwait. These consisted of a series of theoretical and practical sessions aimed at promoting education and upgrading knowledge among qualified technologists working in laboratories in the ministry of health

#### **1- TECHNICAL STAFF IN MINISTRY OF HEALTH:**

I contribute almost on annual basis to continuous education programs aimed at the ministry of health laboratory technical staff as summarized below:

<b>Title of Workshop</b>	<b>Date Conducted</b>	
1- Quality Management in Histopathology	9 – 11 April	1994 *
2- Basic Science for Histotechnology	17 – 19 December	1994 *

3- Light Microscopy and Histochemistry	21 – 22 January	1995	*	
4- Basic Course in Immunohistochemical & Standard Special & Histochemical Techniques	16 – 20 March	1998	*	
5- Review of Histology for Histotechnologists & Introduction of Microwave Application in Histopathology	11 – 15 May	1996	*	
6- Non-Gynecologic Cytology workshop	14 – 18 December	1996	x	
7- Basic Course in Immunohistochemical & Standard Special & Histochemical Techniques	16 – 30 March 1998		*	
8- Basic Histology workshop	12 – 16 December	1998	*	
9- Handling of Small Biopsies and Frozen Sections	8 – 11 May	1999	*	
10- Gynecologic Cytology workshop	27/11 to 1/12	1999	x	
11- Non- Gynecologic Cytology workshop	12-16 Feb	2000	x	
12- Systematic histology I	29-31 Dec	2002	*	
13- Systematic histology II	15-19 Mar	2003	*	
14- Gynecologic Cytology	4-8 Dec	2004	*	
* <b>Lecturer</b>				
x <b>Coordinator and lecturer</b>				

### **INVITATION TO CHAIR SCIENTIFIC SESSION IN INTERNATIONAL MEETINGS :**

I was invited to chair a scientific session on Renal **Tumors in Childhood**. This took place in the 10 Scientific Meeting of the International Academy of Pathology held in Alexandria, October 25-29 1998.

### **WORKSHOPS CONDUCTED BY THE KUWAIT INSTITUTE OF MEDICAL SPECIALIZATION (KIMS) :**

I have been invited to participated as local faculty staff in lecturing and / or organizing the following seminars and workshops which were aimed at postgraduate Medical & MRC Path candidates:

<b><u>Title of KIMS CME Programm</u></b>	<b><u>Date Conducted</u></b>			
1- Update in Pediatric Nephrology	19 – 23 November	1994	*	
2- Cardiovascular and Transplant Pathology	6 – 15 April	1996	*	

3- Infectious Disease in the Immunocompromised Host	22- 26 March	1997	*
4- Thyroid Disease	13 – 16 June	1998	*
5- Primary Immunodeficiency Disorders	24 - 28 May	1999	*
6- Update on gastrointestinal and hepatic disease	4-6 / March	2000	*
7- Clinical Immunology Workshop	6-10 May	2000	*
8- Recent advances in bone and soft tissue tumours	5-6 March	2001	*
9- Update on diagnostic aspects of diabetes and And endocrine and metabolic disorders	29-31 October	2001	*
10- Cytomorphological Approach to Haematological Disorders	12-14 Mar	2001	*
11- FNA in clinical practice: An integrated approach	6-8 January	2002	*
12- Tumors of the immune system	8-10 April	2002	*
13- An update on lung disease	13-15 May	2002	x
14- Nephrology Update	23-26 May	2003	x
15- Update on Genito-Urinary Cytology	20-22 Oct	2003	*
16- Recent Advances in diffuse Lung Disease	13-14 Apr	2003	*
17- Head and Neck Cytology	7-9 Feb	2005	*
18- Drugs and Kidney	28-29 Mar	2005	*

\* **Lecturer**

x **Coordinator and lecturer**

**MEMBERSHIP OF FACULTY COMMITTEES:**

1- Member of the committee on faculty of medicine seminars	1997
1- Member of the faculty poster committee	1997
2- Member of the departmental curriculum review committee	2000
3- Member of committee on departmental seminars and workshops	2000
4- Member of departmental curriculum review committee	2001
5- Hospital accreditation committee	2001

**MEMBERSHIP OF PROFESSIONAL SOCIETIES:**

	<b><u>Date</u></b>
1 International Academy of Pathology	1989
2 Kuwait Medical Association	1983
3 International Academy of Cytology	1993
4 The Royal College of Pathologists	1993

**SPECIAL EXPERTISE AND INTERESTS:**

1. Renal pathology of transplant and non-transplant conditions
2. Diagnostic Cytopathology
3. Computer graphics in processing and handling high resolution images in pathology and cytology
4. Computer programming and design for clinical and laboratory use.
5. Image analysis for DNA estimation, tissue morphometry, and proliferative antigen estimation.

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