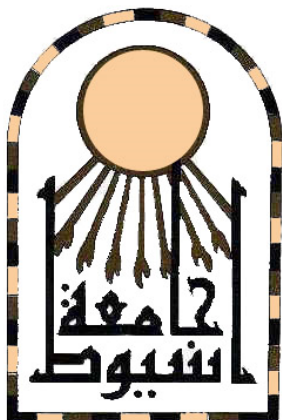

Howayda Ismail Hassan El-Sayed



Professor of Histopathology,
Pathology Department, Faculty of Medicine,
Assiut University, Assiut, Egypt.

Work Fax No.: (02) 88-2332278
E-mail: luxorhowayda@yahoo.co.uk

Personal Information

P.O.B.:	Luxor, Egypt	Nationality:	Egyptian
Gender:	Female	Marital Status:	Married

Academic Development

1993 -- 1998	Ph.D.	Institute of Pathology, Leicester University, Leicester, UK
1987 -- 1990	MSc	Histology and Cell biology (First part), Pathology (second part) Pathology Department, Faculty of Medicine, Assiut University, Assiut, Egypt
1974 -- 1980	M.B.Ch.B.	Faculty of Medicine, Assiut University, Assiut, Egypt

Honours and Awards

1993 -- 1998	Ph.D. Scholarship at the Institute of Pathology, Leicester University, UK
1987 -- 1990	Master Scholarship, Assiut University, Faculty of Medicine, Egypt
1974 -- 1980	M.B.Ch.B.(M.D.) Scholarship, Assiut University, Faculty of Medicine, Egypt

Languages

Arabic (Native language)	English (Fluent speaking & excellent writing)	French (Fair speaking & writing)
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Membership of Cultural, Educational and Professional Societies

- The Royal Pathological Society of United Kingdom and Ireland
 - Egyptian Pathological Society
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- Egyptian Medical Association

Conferences Attended

16-18 Dec. 2010	22 nd Congress of the International Academy of Pathology, Arab division, Cairo, Egypt
2-7 July 2007	5 th Joint BDIAP and Pathological Society of Great Britain and Ireland, Glasgow, UK
21-27 Sep. 2006	100 th of the International Academy of Pathology, Montréal, Canada
3-8 July 2005	3 rd Joint BDIAP and Pathological Society of Great Britain and Ireland, Newcastle upon Tyne, UK
15-18 Oct. 2003	15 th Congress of the International Academy of Pathology, Arab division, Cairo, Egypt
23-25 Sep. 2002	14 th Congress of the International Academy of Pathology, Arab division, Riyadh, Saudi Arabia
22-25 March 2002	International Conference of Theodore Bilharz Research Institute, Cairo, Egypt
1998	177 th Pathological Society of Great Britain and Ireland, Leicester, UK
1996	172 nd Pathological Society of Great Britain and Ireland, London, UK.

Courses Attended

1998	Diagnostic histopathology course at the University of Sheffield Medical School, UK
1994	Information technology module arranged by computer centre at the University of Leicester, UK
1997 -- 1998	Leicester/Nottingham postgraduate histopathology course, UK

Professional Experience and Significant Achievements

WORK EXPERIENCE:

- | | |
|------------------------|---|
| 2009 -- Present | <ul style="list-style-type: none">• Professor of Pathology, Pathology Department, Faculty of Medicine, Assiut University, Egypt• Consultant Pathologist (Surgical Pathology), Assiut University Hospitals and Institute of Oncology• Director of Pathology laboratory at El Raghy Liver Hospital since 2011. |
| 2004 -- 2009 | <ul style="list-style-type: none">• Associate Professor of Pathology, Pathology Department, Faculty of Medicine, Assiut University, Egypt• Consultant Pathologist (Surgical Pathology), Assiut University Hospitals and Institute of Oncology• Director of the Molecular Pathology Laboratory• Consultant Pathologist, South Valley University Hospitals, Suhag, Egypt• Visiting Scholar, South Valley University Hospitals |
| 1999 -- 2004 | <ul style="list-style-type: none">• Senior Lecturer of Pathology, Pathology Department, Faculty of Medicine, Assiut University, Egypt• Consultant Pathologist (Surgical Pathology), Assiut University Hospitals and Institute of Oncology• Director of the Molecular Pathology Laboratory• Consultant Pathologist, South Valley University Hospitals• Visiting Scholar, South Valley University Hospitals |
| 1993 -- 1998 | <ul style="list-style-type: none">• PhD, Institute of Pathology, Leicester University, UK |
| 1990 -- 1993 | <ul style="list-style-type: none">• Assistant lecturer of Pathology, Pathology Department, Faculty of Medicine, Assiut University, Egypt |
| 1987 -- 1990 | <ul style="list-style-type: none">• Demonstrator of Pathology, Pathology Department, Faculty of Medicine, Assiut University, Egypt |
| 1987 -- 1993 | <ul style="list-style-type: none">• Resident (Assistant Pathologist), Surgical Pathology Division, University Hospitals of Assiut, Institute of Cancer and Pathology Department, Faculty of Medicine, Assiut University, Egypt |
| 1983 -- 1986 | <ul style="list-style-type: none">• Research Assistant, Immuno-Pathology Department, Glasgow University, UK |
| 1980 -- 1982 | <ul style="list-style-type: none">• Internship (House Officer), MOH and University Hospitals, Assiut University, Egypt |

PATHOLOGY EXPERIENCE (histopathology training aspects are summarized):

- 1999 -- Present** **Pathology Department, Faculty of Medicine, Institute of Oncology, Assiut University, Egypt**
- Analysis of routine surgical pathology problems and tasks.
 - Participation in quality control, quality assurance, outcomes research, and other clinically related research and management/leadership functions in the surgical pathology laboratory.
 - Attendance at graduate student and research faculty presentations of scientific problems

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- 1993 -- 1998** **Institute of Pathology Leicester University, UK**
- Participation in quality control, quality assurance, outcomes research, and functions in the surgical pathology laboratory
 - Attendance of the diagnostic histopathology courses

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- 1987 -- 1993** **Pathology Departments, Faculty of Medicine, Assiut University, Egypt**
- Analysis of daily surgical pathology problems and tasks
 - Participation in quality control, quality assurance, outcomes research, and other clinically related research and management/leadership functions in the surgical pathology laboratory
 - Attendance at graduate student and research presentations of scientific problems

RESEARCH EXPERIENCE:

Research methodologies taught in:

- Immunohistochemistry
 - DNA extraction from the pathological specimens
 - DNA, protein and RNA purification
 - Microdissection of histopathological specimens
 - PCR- and RT-PCR
 - Cell culture (HELA, MCF-7, breast cancer cell lines)
 - In situ hybridization, probe design, oligonucleotides
 - ELISA
 - RIA
 - Western blot
 - Northern blot
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TEACHING EXPERIENCE:

1998 -- Present Undergraduate Courses

- Histopathology for medical students including general, special and practical pathology
- General pathology for students of faculty of Pharmacy and Nursing
- Technical histopathology for students of Technical Health Institute, Assiut University, Assiut, Egypt and South Valley University, Suhag, Egypt

Postgraduate Courses (MSc., M.D. and Ph.D.)

- Histopathology course including surgical pathology, cytopathology and gynaecological pathology (theoretical and practical)
- Immuno-histochemistry and Molecular pathology courses

1987 -- 1993

- Teaching practical histopathology courses to the undergraduate medical students, pharmacy and nursing schools, and technical histopathology to students of Technical health Institute MOH, Assiut University, Assiut, Egypt

MANAGEMENT EXPERIENCE:

- Director of the research laboratory, Pathology department, Faculty of Medicine, Assiut University, Assiut, Egypt
 - Director of pathology laboratory, El Raghy Liver Hospital, Assiut University, Assiut, Egypt
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Publications

- 1998** Doctorate Dissertation in Basic Medical Science (Pathology) titled:
Analysis of Growth Regulations in Cancer Containing Breasts
-
- 1989** Masters Thesis in Basic Medical Science (Pathology) titled:
**A Study on the Pathology of Bone Tumours with Special Reference to
Grading**

Papers Published in Refereed International Journals

-
- 1- Abdel Salam N, Hassany SM, Medhat A, **Hassan HI**, Blum HE. **Capillaria Philippinensis: A Cause of Chronic Diarrhea in Upper Egypt.**
The JASMR 7(1) 2012.
 - 2- Medhat A, Abdel Salam N, Hassany, SM, **Hassan HI**, Blum HE. Frequency of Celiac Disease in Egyptian Patients with Chronic Diarrhea: **Endoscopic, Histopathologic and Immunologic Evaluation.**
Journal of Physiology and Pathophysiology 2(1) (2011) 1-5
 - 3- Zaky S, Farghaly A M, Rashed HG, **Hassan HI**, Faouzy E, Makhoulouf N, Hussein M R. **Clinicopathologic Features and Genotyping of Patients with Chronic HBV Infection in the Upper Egypt.**
Cellular Immunology 265 (2010) 97–104
 - 4- El-Attar M M, Rashed H G, E M Sewify, **Hassan H I.** **Algorithm of Biomarkers of Liver Fibrosis in Chronic Hepatitis C Infection: Can it Replace Liver Biopsy?**
Arab Journal of Gastroenterology 11 (2010) 206–21
 - 5- Shokry M, Omran OM, **Hassan HI**, Elsedfy GO, Hussein MR. **Expression of Matrix Metalloproteinases 2 and 9 in Human Trophoblasts of Normal and Preeclamptic Placentas: Preliminary Findings.**
Exp Mol Pathol 87(3) Dec (2009) 219-25
 - 6- Hussein MR, Fathi NA, El-Din AM, **Hassan HI**, Abdullah F, Al-Hakeem E, Backer EA. **Alterations of the CD4+, CD8+ T Cell Subsets, Interleukins-1 β , IL-10, IL-17, Tumor Necrosis Factor- α and Soluble Intercellular Adhesion Molecule-1 in Rheumatoid Arthritis and Osteoarthritis: Preliminary Observations.**
Pathol Oncol Res. 14(3) Sep (2008) 321-8
 - 7- Fathi NA, Hussein MR, **Hassan HI**, Mosad E, Galal H, Afifi NA. **Glomerular Expression and Elevated Serum Bcl-2 and Fas Proteins in Lupus Nephritis: Preliminary Findings.**
Clin Exp Immunol 146(2) Nov (2006) 339-43
 - 8- **H. I. Hassan**, M. R. Hussein. **Analysis of the Mononuclear Inflammatory Cell Infiltrate in the Normal Breast, Benign Proliferative Breast Disease, in Situ and Infiltrating Ductal Breast Carcinomas: Preliminary Observations.**

J Clin Pathol 59(9) Sep (2006) 972-7

- 9- Hussein MR, **Hassan HI**, Hofny ER, Elkholy M, Fatehy NA, Abd Elmoniem AE, Ezz El-Din AM, Afifi OA. **Alterations of the Mononuclear Inflammatory Cells, CD4, CD8 T Lymphocytes, Interleukin-1 β and Tumor Necrosis Factor- α in the Bronchoalveolar Lavage Fluid, Peripheral Blood and Skin of Patients with Systemic Sclerosis.**
Journal of Clinical Pathology 58 (2) (2005) 178-184
- 10- **H. I. Hassan**, M. R. Hussein, **Alterations of p53, Bcl-2, and hMSH2 Protein Expression in the Normal Breast, Benign Proliferative Breast Disease, In Situ and Infiltrating Ductal Breast Carcinomas in the Upper Egypt.**
Cancer Biology & Therapy 3(10) (2004)
- 11- **Hassan HI**, Walker RA. **Altered Expression of Epidermal Growth Factor Receptor in Non-Involved Tissue of Cancer-Containing Breasts.**
The Breast (4) (2001) 318-324
- 12- **Hassan HI**, Walker RA. **Decreased Apoptosis in Non-Involved Tissue From Cancer-Containing Breasts.**
J Pathol (1998) 184:258-264

Papers Published in Refereed Local Journals

- 1- Barakat M, Mahran Z, Abdel-Al A, Hassan H, Farghaly A. Serum profiles of extracellular matrix degradation inhibitors across the stages of liver fibrosis in chronic hepatitis C patients. Assiut Med.J.38(2) (2014)149-160
 - 2- Shehata M, Hassanen A, Gamal H, **Hassan HI**, Helmy A, Ahmed AM. **Insulin Resistance, Steatosis and Fibrosis in Egyptian Patients with Chronic Hepatitis C Virus Infection.**
Saudi Journal of Gastroenterology (2010)
 - 3- Shehata M, Abdel Salam N, Hassanen A, Ahmed AM, **Hassan HI**, Gamal H. **Fibrosis Markers and their Relation to Liver Cirrhosis and Fibrosis in Patients with Chronic Hepatitis C.**
Medical Journal Cairo University 78(2) (2010) 139-144
 - 4- Shehata M, Zaki S, Hassanen A, Gamal H, **Hassan HI**, Ahmed A. **Predictors of Non-Alcoholic Fatty Liver Diseases in Patients with Chronic HCV Infection.**
Al-Azhar Medical Journal 7(3) (2009) 168-183
 - 5- Elnashar A T, **Hassan H I**, El-Tabry O A. **CD44V6 and Ki67 Expression in Nodal and Disseminated B-cell Lymphomas.**
Assiut Med J 26(9) (2009) 31-38
 - 6- **Hassan H I**, Abdel Azeez Y M, Atia A M, Mohamed A K. **Expression of Human β -Defensin – 2 in Smokers Versus Non Smokers Chronic Periodontitis Patients.**
Assiut Med J 26(3) (2008) 31-38
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- 7- **Hassan H I, ElAzab D S, Karoush S S. Comparative Study of the Proliferation by Detection of Ki67 Antigen Correlation of Mismatch Repair Gene hMSH-2 and p53 Proteins Expression in Colorectal Cancer: An Immunohistochemical Study.**
Assiut Med J 25 (3) (2007) 63-72
 - 8- Thabet M, Dobbiss LL, **Hassan HI, Abdel-Salam A. Imprint Cytology Versus Immunohistochemistry of Sentinel Lymph Nodes in Breast Cancer with Clinically Negative Axilla.**
Egyptian J Surgery 26(2) (2007) 57-62
 - 9- **Hassan HI. How helpful is Cytokeratin 19 in the Differential Diagnosis of Benign and Malignant Lesions of the Thyroid Gland?**
Kaser El Eini med J 13(2) (2007) 37-43
 - 10- Salah El Deen E, Mohamad HS, **Hassan HI, Abdel Aal AM. Role of Survivin in Glioma Progression: A Clinicopathological Study.**
Suhag Med J 11 (2) (2007)
 - 11- Mostafa EA, Abel-Moneim SS, Nafeh HM, Kamel SI, **Hassan HI. Doppler Ultrasonography Versus Liver Biopsy Assessment of Hepatic Fibrosis in Chronic Hepatitis C.**
The Egyptian J of Gastroenterology 14(2) (2006) 15-28
 - 12- **H I Hassan, S El Naggar, S Saad, N M Abdel Rahman. Expression, Nucleolar Organizer Regions, Mitotic Count and Volume Corrected Mitotic Index: Correlation with Standard Prognostic Factors for Bilharzial Squamous Cell Carcinoma of Urinary Bladder.**
Egypt Soc Path J 25(2) (2005) 273-281
 - 13- Makhlof A, **Hassan HI. Association between Placental Apoptosis and Preeclampsia.**
Ein Shams M. J. 54(4,5&6) (2003) 611-623
 - 14- **Hassan HI. Prognostic Value of Ki 67 Antigen in Bilharzial Urinary Bladder Carcinoma: An Immuno-histochemical Analysis.**
Al-Azhar Assiut Med. J. AAMJ 1(1) (2003) 132-140
 - 15- **Hassan HI, Yassen EH, Abdel Hafeez SA. The Expression of Cell Cycle Regulatory Protein p27Kip1 in Insitu and Invasive Ductal Breast Carcinoma. An Immuno-Histochemical Analysis.**
Egypt Soc Path J, 22(1) (2002) 355-359
 - 16- Yassin EH, **Hassan HI, Abdel Hafeez SA. Expression of Cyclin D1 in Urinary Bladder Carcinoma. Correlation with Different Histopathological Parameters.**
Egypt Soc Path J, 21(1) (2001) 79-85
 - 17- Shaheen MS, **Hassan HI. Leishmaniasis among Rodents and Man in Assiut Governorate.**
-

Assiut Med J 24(2) (2000) 49-64

- 18- **Hassan HI**, Abdel Aleem A, Yasses EH, Fadel SA, Mohamad SS. **The Role of p53 and Bcl-2 in Predicting Radio Sensitivity of Laryngeal Squamous Cell Carcinoma.**
Egypt Soc Path J 20(2) (2000) 319-327
- 19- Badary FA, **Hassan HI**. **Immuno-histochemical Differentiation of Follicular Lymphoma from Follicular Hyperplasia with bcl-2 Antibody.**
Med J Cairo Univ 68(4) (2000) 753-757
- 20- Wasef IT, Khedr BM, Hussain SY, Meckawy EA, **Hassan HI**. **Effects of the Herbicide Atrazine on the Structure of Some Organs of the Nile Fish *Oreochromis Niloticus*.**
Egyptian J of Aquatic Biology 4(4) (2000) 197-234
- 21- Nassar MI, Omar AM, **Hassan HI**. **The Pathology and Grading of Bone Tumours in Upper Egypt.**
Assiut Medical Journal 18(3) (1994) 51-58

Papers Published in Refereed Conference Proceedings

-
- 1- Tohamy MA, Hassan HI, Ibraheim OA, Abbas WA. **ERCP Cytology and EUS-FNA Cytology in the Diagnosis of Malignant Pancreatic Duct Stricture.**
1st Egyptian Malasian Oncology Conference (Malazia, April 2010)
 - 2- Hassan HI, El Montaseer TM, Badary FM, Yassin EH. **Oral Mucosal Neoplastic Lesions in Yemeni Patients with Q'AT Chewing Habit.**
5th joint BDIAP and Path society Glasgow, 3-8 July (2007), UK
 - 3- Hassan H. I., Hussein M. R. **Alterations of p53, Bcl-2, and hMSH2 Protein Expression in the Normal Breast, Benign Proliferative Breast Disease, In Situ and Infiltrating Ductal Breast Carcinomas in the Upper Egypt.**
International Academy of Pathology 100th meeting (2006) Monterial, Canada.
 - 4- Hassan HI, El Azab DS, Karoush SS. **Correlation of Mismatch Repair Gene hMSH-2 and p53 Proteins Expression in Colorectal Cancer: An Immunohistochemical Study.**
3rd joint BDIAP and Path society New Castle, 3-8 July (2005), UK
 - 5- Hassan HI. **Prognostic Value of Ki67 Antigen in Bilharzial Urinary Bladder Carcinoma. An Immuno-Histochemical Analysis.**
International conference of Theodore Bilharz Research Institute, 22-25 March (2002), Cairo, Egypt.
 - 6- Hassan HI. **Expression of EGFR-1 in Chronic Shistozomal Urinary Bladder Lesions.**
14th Congress of the International Academy of Pathology, Arab division, 23-25 September (2002), Riyadh, Saudi Arabia
 - 7- Hassan HI, Walker RA. **Insulin Growth Factors Expression Modified in Cancer-Containing Breasts. J Path, 185 Supplement**
177th Pathological Society of Great Britain and Ireland (1998), Wiley, UK
 - 8- Hassan HI, RA Walker. **Study of Cell Kinetics and Growth Factor Regulation in Pre-Neoplasia of Human Breast. J Path, 178 Supplement**
172nd Pathological Society of Great Britain and Ireland (1996), Wiley, UK
 - 9- Hassan HI, RA Walker. **Comparison of Epidermal Growth Factor Receptor Expression in Non-Involved Tissue of Cancer-Containing Breasts, with Normal/Benign Breasts. J Path, 178 supplement**
172nd Pathological Society of Great Britain and Ireland (1996), Wiley, UK

Books

Participated in preparation of books used for teaching basic and practical surgical pathology for undergraduate students in:

- Faculty of Medicine
 - Faculty of Pharmacy
 - Faculty of Nursing
-

Member of the following Ph.D. Dissertation Advisory Committees

Dr. H. I. Hassan has conceptualized the hypotheses and experimental designs of all these projects.

- 1- **Expression of Mismatch Repair Protein MSH2 and Oncoprotein p53 in Colorectal Carcinoma.** Candidate: Dr. Dina S El-Azab (Ph.D. candidate in the Department of Pathology, Assiut University, 2005)
- 2- **Expression of bcl-2, p53 and EGFR in Ovarian Carcinoma.** Candidate: Dr. Afaf Mohamed (Ph.D. candidate in the Department of Pathology, South Valley University, 2005)
- 3- **Role of Hormones and Cytokines (Soluble Fas Lignad) in Regulation of Germ Cell Apoptosis in Men with Varicocele.** Candidate: Dr. Abdel Wasee' (Ph.D. candidate in the Department of Dermatology, Assiut University, 2005)
- 4- **Pathogenesis of Rheumatoid Arthritis, Role of T lymphocytes.** Candidate: Dr. Eman El-Hakeim (Ph.D. candidate in the Department of Internal Medicine, Assiut University, 2006)
- 5- **Oral Mucosal Neoplastic Lesions in Yemeni Patients with Q'AT Chewing Habit; Immunohistochemical Study.** Candidate: Dr. Tomna El Montaser (Ph.D. candidate in the Department of Pathology, Assiut University, 2007)
- 6- **Non-Alcoholic Fatty Liver Disease (NAFLD) in Chronic Hepatitis C (CHC) Contribution of Host and Disease Specific Factors.** Candidate: Dr. Ahmad Farouk (MD. candidate in the Department of Tropical Medicine, Assiut University, 2008)
- 7- **HBV Genotypes and its Impact on Clinical Outcome.** Candidate: Dr. Nahed Makhoulf (MD. candidate in the Department of Tropical Medicine, Assiut University, 2008)
- 8- **Evaluation of Some Methods Used in the Diagnosis of Abnormal Uterine Bleeding.** Candidate: Dr. Ibraheim Ibraheim Mohammad (MD candidate in the Department of Obstetric & Gynecology, Assiut University, 2011)
- 9- **Endoscopic Ultrasound Fine Needle Aspiration and Brush Cytology in Diagnosis of Malignant Obstructive Jaundice.** Candidate: Dr. Waeel Ahmad Abbas (MD candidate in the Department of Internal Medicine, Assiut University, 2011)
- 10- **Discernment Value of Direct and Indirect Blood Markers versus Liver Biopsy for Chronic HCV Patients.** Candidate: Dr. Zeinab Mahran, (MD candidate at the Department of Tropical Medicine, 2012)
- 11- **Study of the Immunohistochemical Expression and Role of Novel Markers in Hepatocellular Carcinoma and Non-Neoplastic Liver Tissue of HCV Positive Egyptian Patients.** Candidate: Dr. Asmaa Mahmoud Ahmed (PhD candidate in the Department of Pathology, Assiut University, 2013)
- 12- **The Role of Oxidative Stress and Apoptosis in the Pathogenesis of Vitiligo.** Candidate: Dr. Misaa Saleh Bametref (MD candidate in the Department of Dermatology, Assiut University, 2013)
- 13- **Steatosis Grade, Bcl-2 and EVR in Chronic Hepatitis C Patients on Pegylated**

Interferon (PEG-IFN) and Ribivairin (RBV) Treatment. Candidate: Dr. Hussam Khalaf Mohammed (MD candidate in the Department of Tropical Medicine and Gasroenterology, Assiut University, 2013)

Member of the following MSc. Dissertation Advisory Committees

Dr. H. I. Hassan has conceptualized the hypotheses and experimental designs of all these projects.

- 1- **Expression of EGFR Protein and its Role in the Pathogenesis of Bilharzial Associated Urinary Bladder Carcinoma.** Candidate: Dr. Fatema Seif El-Deen (MSc. candidate in the Department of Pathology, South Vally University, 2003)
 - 2- **Evaluation of Colonic Mucosal Biopsy, a Retrospective Study.** Candidate: Dr. Hesham Sayed (MSc. candidate in the Department of Pathology, Assiut University, 2004)
 - 3- **Imprint Cytology versus Immuno-Histochemistry of Sentinal Lymph Nodes in Breast Cancer.** Candidate: Dr. Latif Lotfy (MSc. candidate in the Department of Surgery, Assiut University, 2005)
 - 4- **Prognostic Impact of Surviving Expression in Gliomas.** Candidate: Hala Salah Edin Alaa Edin (MSc. candidate in the Department of Pathology, Suhag University, 2007)
 - 5- **The Pathology of Hepatitis with Special Reference to Viral Hepatitis.** Candidate: Shereen Farag Mahmoud (MSc. candidate in the Department of Pathology, Suhag University, 2008)
 - 6- **Diagnostic Approach of Soft Tissue Tumours.** Candidate: Mahmoud Farouk Edin (MSc. candidate in the Department of Pathology, Assiut University, 2007)
 - 7- **A Study on the Pathology of Intestinal Obstruction in Upper Egypt.** Candidate: Dalia Mohsen Badary (MSc. candidate in the Department of Pathology, Assiut University, 2009)
 - 8- **Pathology of Lung Tumours. An update on Current Concepts.** Candidate: Abdul Aziz Daweel Bawadian (MSc. candidate in the Department of Pathology, Assiut University, 2009)
 - 9- **Expression of Human B Defensin-2 in Smokers Versus Non-Smokers, Chronic Periodontitis Patients.** Candidate: Yaser Mohamad Abdel Aziz Edin (MSc. candidate in the Department of Pathology, El Azhar University, 2009)
-

Referees

Prof. R A Walker, Professor of Pathology, Chairman of the Department of Pathology, Leicester University, Leicester, UK

Address: Royal Infirmary, PO box 65, Leicester, LE2 7LX, UK

E-mail: RAW14@le.ac.uk

Prof. Louise A Jones, Professor of Pathology, Cancer Research-UK Institute of Cancer, London, UK

E-mail: louise.j.jones@cancer.org.uk

Prof. M N Gerges, MD, PhD Professor of Pathology, Department of Pathology, Faculty of Medicine, University of Assiut, Assiut, Egypt

Prof. M F Danial, MD, PhD Professor of Pathology, Department of Pathology, Faculty of Medicine, University of Assiut, Assiut, Egypt
