

# Curriculum Vitae

## PERSONAL DATA:

Alaaelden M. Elsayed von Bayreuth, Col, USAF, MC, CFS; Retired



## COURT APPOINTED EXPERT:

Appointed Pathology Expert on multiple court martial;  
US Army, USAF – CONUS, Germany, South Korea (1991 – 2021).

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Home Address: 3549 W Northern Lights Blvd, Anchorage, AK 99517

Phone: (415) 936-4022

Email: al@elsayed.org

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## Company Address:

EvB Research Laboratories, Inc.

2222 Alki Ave, SW

Apt 203

Seattle, WA 98116

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## EDUCATION:

### Civilian:

Undergraduate: University of Cairo

Medical School: Degree: MD

School: University of Cairo School of Medicine

Graduation Date: 30 November 1980

### Other Graduate Studies:

Several Management Courses, Sponsored by  
American College of Physician Executives (ACPE)  
Chicago, Illinois 1993-1997

-Physicians in Management I (PIM I) Course

-Physicians in Management II (PIM II) Course

-The Three Faces of Quality Course

-Conflict and Cooperation Influence in Organizations Course

-Choosing to Lead: Tools and Practices Course

Advanced Cardiovascular Life Support Instructor  
American Heart Association  
Dallas, TX May 2010  
Laboratory Inspector Team-Chief Course  
College of American Pathologists  
Northfield, IL 1989  
Ph.D. Candidate in Experimental Pathology (No Degree Awarded)  
School: University of Maryland at Baltimore (UMAB)  
Attended 1985-1989

**Military Training Courses:**

Joint Task Force Surgeon's Seminar  
United States Joint Forces Command  
Naval Amphibious Base (NAB) Little Creek, Virginia 2002  
Joint Operations Medical Managers Course (JOMMC)  
Defense Medical Readiness Training Institute  
Fort Sam Houston, Texas 2001  
NASA Space Shuttle Response and Emergency Suit Removal Training  
National Aeronautics and Space Administration  
On-Site Training at Elmendorf AFB, Alaska 2000  
Chief of Professional Services (SGH) Indoctrination  
United States Air Force  
Wichita Falls, Texas 2000  
The Aerospace Power Course  
United States Air Force  
Computer Based Training, Completed 2000  
Air War College (AWC)  
United States Air Force  
Correspondence, Completed 19 Apr 2000  
Air Command & Staff College (ACSC)  
United States Air Force  
Correspondence, Completed 25 Sep 1996  
Squadron Officer School (SOS)  
United States Air Force  
Correspondence, Completed 9 Jun 1994

Aerospace Medicine Primary Course  
School of Aerospace Medicine  
United States Air Force  
San Antonio, Texas 1991  
Hyperbaric Medical Officer Course  
School of Aerospace Medicine  
United States Air Force  
San Antonio, Texas 1991  
Military Indoctrination for Medical Service Officers Course (MIMSO)  
Wichita Falls, Texas 1989

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**PROFESSIONAL TRAINING AND EXPERIENCE:**

PGY1: Specialty: Flexible Internship  
Location: Univ. of Cairo School of Medicine Hospitals: Cairo, Zaghazek City, Ariesh City, Egypt  
Completion Date: February 1982  
Residency: Specialty: Pathology  
Location: University of Maryland Medical Center, Baltimore, MD  
Completion Date: July 1988  
Fellowship: Specialty: Surgical Pathology  
Location: University of Maryland Medical Center, Baltimore, MD  
Completion Date: July 1989

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**MILITARY DEPLOYMENTS/OERATIONAL EXPERIENCE:**

Deployment:  
Operations Supported: NATO Summit, Germany  
Deployed Location: Germany  
Dates: OCT 2018 TO OCT 2018

Operations Supported: National Defense University, CAPSTONE Program  
Command: Office of Chairman of the Joint Chiefs of Staff  
Deployed Location: New Delhi & Agra, Republic of India; Almaty & Astana, Republic of Kazakhstan;  
ISAF HQ Kabul & Bagram AB, Islamic Republic of Afghanistan  
Dates: OCT 2011 TO OCT 2011

Operations Supported: Operations Iraqi Freedom / Operation Enduring Freedom OIF/OEF  
Command: CENTCOM

Deployed Location: Al Dhafra Air Base, UAE

Dates: JUL 2008 TO SEP 2008

Operations Supported: Operations Iraqi Freedom / Operation Enduring Freedom OIF/OEF  
Command: CENTCOM

Deployed Location: Al Dhafra Air Base, UAE

Dates: SEP 2007 TO NOV 2007

Operations Supported: Operations Iraqi Freedom / Operation Enduring Freedom OIF/OEF  
Command: CENTCOM

Deployed Location: Al Dhafra Air Base, UAE

Dates: JUN 2006 TO AUG 2006

Operations Supported: Operation Coronet Oak  
Command: SOUTHCOM

Deployed Location: Muniz Air National Guard Base, Puerto Rico

Dates: APR 2002 TO APR 2002

Operational Experience:

Chief Flight Surgeon

- Thermal Stress Study of CENTCOM aircrews in combat operation

Conducted several forensic investigations of operational fatalities

- Ground troop fatalities in conjunction with DESERT SHIELD/DESERT STORM

- USAF and US Army Aviator fatalities in conjunction with DESERT STORM

- US Army Rangers hypothermia fatalities in swamp and jungle operations

- USAF and US Army Aviator fatalities related to aircraft mishaps

- Military Homicide and suicide investigations including firearm injuries

Over 860 (366 combat hrs) Flying hours in KC-10A, C130H, HC130HN, HH-60G, UH1N

- KC-10A air refueling, formation & cargo day and night missions, 45 combat sorties

- C-130H formation day, night, and NVG cargo and personnel air-drops & assault landings

- HC-130HN day, night and NVG air refueling and PJ-jumps, cargo & personnel air-drops

- HH-60G day, night and NVG over-water and mountain rescue operations, PJ

insertion and extraction, HALO PJ-jumps and receiver air refueling operations

- OH58A Aerial Observation

Over 225 Dive hours in Hyperbaric Chamber Operations

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#### **WORK HISTORY/MILITARY ASSIGNMENT HISTORY:**

Duty Title: President and CEO, EvB Research Laboratories Inc.

Dates: 01 SEP 2019 TO Present.

Duty Title: Pathologist

Significant Additional Duties:

- Chief Flight Surgeon
- Special Mission Linguist & Cultural Expert, 60th Air Mobility Wing
- Medical Review Officer (MRO), Drug Demand Reduction Program

Duty Location: 60th Medical Group (AMC), Travis Air Force Base, California  
Dates of Assignment: 08 APR 09 TO 31 AUG 2019

Duty Title: Chief Flight Surgeon

Significant Additional Duties:

- Chief Pathologist
- Special Mission Linguist & Cultural Expert, 60th Air Mobility Wing
- Director, Armed Services Whole Blood Processing Laboratory (ASWBL) West
- Hyperbaric Medical Officer
- Medical Review Officer (MRO), Drug Demand Reduction Program

Duty Location: 60th Medical Group (AMC), Travis Air Force Base, California

Dates of Assignment: 01 SEP 05 TO 07 APR 09

Duty Title: Anatomical Pathology Flight Commander

Significant Additional Duties:

- Special Mission Linguist & Cultural Expert, 60th Air Mobility Wing
- Associate Chief of Professional Staff (SGH), 60th Medical Group (03-05)
- Medical Director, Laboratory Phase II Training Program
- Director, Armed Services Whole Blood Processing Laboratory (ASWBL) West
- Flight Surgeon
- Hyperbaric Medical Officer

Duty Location: 60th Medical Group (AMC), Travis Air Force Base, California

Dates of Assignment: 29 JUL 03 TO 31 JUL 05

Duty Title: Chairman/Chief Pathology Department

Significant Additional Duties:

- Flight Surgeon, 3rd Medical Group (PACAF)
- Flight Surgeon, 176th Wing, Alaska Air National Guard
- Commander, 3rd Expeditionary Medical Support (EMEDS) (01-03)
- Commander, 51 Air Transportable Hospital (ATH) (00-01)
- Associate Chief of Professional Staff (SGH), 3rd Medical Group
- Armed Forces Regional Medical Examiner, Alaska

Duty Location: 3rd Medical Group (PACAF), Elmendorf Air Force Base, Alaska

Dates of Assignment: 24 JUN 00 TO 28 JUL 03

Duty Title: Staff Pathologist, then Chief Anatomic Pathology

Significant Additional Duties:

- Flight Surgeon, 74th Medical Group (AFMC)
- Hyperbaric Medical Officer
- Medical Director, Tumor Registry

Duty Location: 74th Medical Group (AFMC), Wright-Patterson Air Force Base, Ohio

Dates of Assignment: 17 JUL 95 TO 23 JUN 00

Duty Title: Staff Pathologist, then Director Telepathology Program and Staff Pathologist

Significant Additional Duties:

- Flight Surgeon (91-95)

- Hyperbaric Medical Officer (91-95)

Duty Location: Armed Forces Institute of Pathology, Walter Reed AMC, Washington, D.C.

Dates of Assignment: 05 SEP 89 TO 16 JUL 95

Title: Surgical Pathology Fellow

Location: University of Maryland Medical Center, Baltimore, MD

Dates: 01 JUL 88 TO 31 JUL 89

Title: Pathology Resident

Location: University of Maryland Medical Center, Baltimore, MD

Dates: 14 OCT 84 TO 30 JUN 88

Title: Instructor in Pathology

Location: Department of Pathology, Assiut University School of Medicine, Assiut, Egypt

Dates: 01 MAR 82 TO 30 SEP 84

Title: Intern, Flexible Internship

Location: Univ. of Cairo School of Medicine Hospitals: Cairo, Zaghazek & Ariesh, Egypt

Dates: 01 MAR 81 TO 28 FEB 82

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#### **LICENSURE AND SPECIALTY CERTIFICATION:**

Current Unrestricted State License:

State of Maryland, License Number D0037672; Expiration Date: 30 Sep 2022

Awarded International Health Specialist Level II Special Skill Identifiers, USAF 2000 - 2019

Board Certification:

Board Certified in Anatomic Pathology

Certification Date: September 1989

Valid through: Indefinite

Federal Licensure Examination (FLEX): 1987

Diplomat Maryland Board of Physician Quality Assurance

Educational Commission for Foreign Medical Graduates (ECFMG):

ECFMG Certificate Number 0-362-622-4; Issued 01 NOV 83

Foreign Medical Licenses:

Unrestricted Medical License, Egypt

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#### **PATIENTS:**

Colorectal Cancer Detection Strip Test,

USA patent # 4,857,457

1989

Colorectal Cancer Detection Strip Test

Several International Patents Based on Same Patent Above

1989, 1990

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#### **HONORS, RECOGNITION AND AWARDS:**

**Medical:**

Appointed Delegate for the State of California, College of American Pathologists House of Delegates-2011

Appointed to Board of Directors of the American Telemedicine Association and Elected Chairman Membership Committee of the American Telemedicine Association - 1995

Awarded “Litchfield-Fellow” Status by Oxford University, United Kingdom for work presented on Telemedicine; United Kingdom - 1995  
Selected as United States Delegate to the XXXth International Congress on Military Medicine in Augsburg Germany - 1994  
Selected as Vice-Chair DICOM 3.0 Committee, College of American Pathologists – 1994  
Appointed to International Scientific Committee of European Meeting on Telepathology - 1994  
Elected Secretary, International Academy of Telemedicine – 1993  
Designated Expert by the U.S. Department of Justice, US Court, Orlando, Florida - 1993  
Admitted, Fellow American Society of Clinical Pathologists - 1991  
Admitted, Fellow College of American Pathologists - 1989  
Awarded AMIDEAST Fellowship – 1984

**Personal Military Awards and Decorations:**

Selected as Astronaut Nominee to NASA by USAF Astronaut Selection Board - 1997  
Defense Meritorious Service Medal – 1996  
United States Air Force Meritorious Service Medal with Oak Leaf Cluster – 1999, 2019  
Air Medal with Oak Leaf Cluster – 2008  
Air Medal – 2007  
National Defense Service Medal with Bronze Star – 2001  
National Defense Service Medal – 1992  
Global War on Terrorism Expeditionary Medal – 2006  
Global War on Terrorism Service Medal – 2006  
Air Force Expeditionary Service Ribbon with Gold Border with Second Oak Leaf Cluster – 2008  
Air Force Expeditionary Service Ribbon with Gold Border with Oak Leaf Cluster – 2007  
Air Force Expeditionary Service Ribbon with Gold Border – 2006  
Selection for Regular Air Force Appointment – 1991  
Small Arms Expert Marksmanship with Ribbon Bronze Star – 1989  
Small Arms Expert Marksmanship Ribbon – 1989

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**ACADEMIC APPOINTMENTS:**

Appointed Pathology Expert Panelist to the National Academy of Science Conference on Antioxidant Vitamins and Cancer and Cardiovascular Disease, By the Food and Drug Administration (FDA); Washington, D.C. 1993  
Visiting Professor of Pathology at University of Arizona College of Medicine Department of Pathology; Tucson, Arizona 1993-1997  
Associate Professor in Pathology at Wright State University School of Medicine Dayton, Ohio 1995-2002  
Appointed Medical Director, Medical Laboratory Technology Program, University of Alaska Anchorage (UAA) Community and Technology College, Anchorage, Alaska 2001-2003

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**COURT APPOINTED EXPERT:**

Appointed Pathology Expert on multiple court martial; US Army, USAF – CONUS, Germany, South Korea.

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**PAST/PRESENT PROFESSIONAL SOCIETIES:**

AIAA American Institute of Aeronautics and Astronautics Association  
AFA Air Force Association  
AMA American Medical Association  
AsMA Aerospace Medical Association

ASCP American Society of Clinical Pathologists  
ATA American Telemedicine Association  
CAP College of American Pathologists  
SUE Society of Urology and Engineering  
UHMS Undersea and Hyperbaric Medical Society

**PAST/PRESENT CULTURAL/SPECIAL INTEREST SOCIETIES:**

AFSF Alliance Française San Francisco  
ANA American Numismatic Association  
ARRL American Radio Relay League  
ARRL-VE American Radio Relay League Volunteer Examiner (Extra Class)  
CCC Commonwealth Club of California  
CPA Cessna Pilots Association  
GISF Goethe Institute San Francisco  
IICSF Istituto Italiano di Cultura San Francisco  
JDASMF Jimmy Doolittle Air & Space Museum Foundation – Travis Air Force Base  
PADI Professional Association of Diving Instructors  
MMA Marine Memorial Association  
NCJSC Northern California Japanese Sword Club  
MOC Military Order of the Carabao  
SFFS San Francisco Film Society  
SPA Solano Pilots Association  
SPA Seaplane Pilots Association  
WAC World Affairs Council  
WSNC Wagner Society of Northern California

**MEMBER JOURNAL EDITORIAL BOARD:**

Telemedicine

**JOURNAL MANUSCRIPT REVIEWER:**

Cancer; Gastroenterology, Hepatology, Human Pathology, Telemedicine

**ORGANIZED COURSES AND SEMINARS:**

Title: Liquid Based Pap-Smear Mini Seminar

Role: Course Organizer and Director

Organization: 3<sup>rd</sup> Medical Group

Location: Elmendorf Air Force Base, Anchorage, Alaska

Date: 2003

Title: Telemedicine '95

Role: Course Director

Organization: Armed Forces Institute of Pathology

Location: Orlando, Florida

Date: 1995



Title: Electronic Slide Seminar, Pathology of The Gastrointestinal Tract and Diseases of the Liver

Role: Seminar Organizer

Organization: National Center for Medical Sciences

Location: San Juan, Puerto Rico.

Date: 1994

Title: Telepathology Seminar and Workshop

Role: Course Director

Organization: Armed Forces Institute of Pathology

Location: Washington, D.C.

Date: 1993

**LECTURES AND OTHER PRESENTATIONS:**

Pathology Lectures Presented as Faculty:

Problems in Surgical Pathology; Armed Forces Institute of Pathology; Washington, D.C.

1990, 1991, 1992, 1993, 1994

Armed Forces Institute of Pathology; Professional Staff Conferences; Washington, D.C.

1990, 1991, 1992, 1993, 1994

Armed Forces Institute of Pathology; Scientific Seminars; Washington, D.C. 1990, 1991

Radiation and Chemotherapy Pathology Course; Armed Forces Institute of Pathology; Washington, D.C. 1991, 1994

7<sup>th</sup> Medical Command; Anatomic Pathology Course; Landstuhl, Germany 1990

Pathology Lectures Presented as Invited Lecturer:

"Pathology of Barrett Esophagus"; University Del Caribe; Paymon, Puerto Rico 1994

National Center for Medical Sciences; Department of Medicine, Division of; Gastroenterology

San Juan, Puerto Rico 1993

Georgetown University Medical College; Department of Pathology; Washington, D.C. 1993

Walter Reed Army Medical Center; Department of Pathology; Washington, D.C. 1990, 1991, 1992, 1993, 1994

Walter Reed Army Medical Center; Department of Medicine; Division of Gastroenterology

Washington, D.C. 1990, 1991, 1992, 1993, 1994

National Naval Medical Center; Bethesda, Maryland 1991, 1992

Telemedicine Lectures Presented as Invited Lecturer:

"Telepathology in the USA", "DICOM 3.0 Standard and Telemedicine", Medicine 2001, International Conference; Montreal, Canada 1996

"Clinical Application of Telepathology", Oxford University, Oxford, UK 1995

"Telepathology as a Diagnostic Service"; Norwegian Society of Pathologists; Tromsø/, Norway 1995

"Update on Telepathology"; American Society of Clinical Pathologists and College of American Pathologists; Joint Meeting; Seattle, Washington 1994

"Update on Telepathology"; United States and Canadian Academy of Pathology; San Francisco, California 1994

"Technical requirements of Telepathology devices in the field of anatomic pathology", "Descriptive analysis of light microscopy images in the field of anatomic pathology"

The First International Conference on Medical Aspects of Telemedicine Tromsø/, Norway 1993

"Technical requirements of medical diagnostic databases, with emphasis on the field of anatomic pathology"; The International Symposium on Computer Assisted Radiology, CAR'93 Berlin, Germany 1993

"Telepathology as a unique application in the field of telemedicine" Joint meeting of Walter Reed Army Medical Center Telemedicine Working Group and Federal Capitol Area Imaging Group; Washington, D.C. 1993

"The telepathology pilot study at AFIP"; "Required systems for telepathology service" Telemedicine Seminar and Workshop; Telemedicine Seminar and Workshop Armed Forces Institute of Pathology; Rockville, Maryland 1993

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#### **PUBLICATIONS/RESEARCH:**

A. As Staff Physician: A.1. Books and Book Chapters:

1. Elsayed AM, and Sobin, LH. Pathology of small bowel neoplasms. In Medical radiology – Diagnostic imaging and radiation oncology; Volume Radiologic Imaging of Small Intestine, ed. N.C. Gourtsyiannis and D.J. Nolan. Elsevier, Science B.V., Amsterdam 2001

2. Elsayed AM, Shamsuddin AM. Neoplasms of the colon. In Atlas of Tumor Pathology of the Fischer 344 Rat. Sherman F. Stinson, Hildegard M. Schuller and, Gerd Reznik eds.; CRC Press Inc, Boca Raton, Florida p133-191, 1990

A.2. Peer Reviewed Articles:

3. Yagi Y, Azumi N, Elsayed A, and Mun S. Evaluation of image quality factor for international

- telepathology through the Internet. *J Soc Photo-Optical Instrumen Eng* 1997; 17(2):15-24
4. Burke AP, Thomas RM, Elsayed AM, and Sobin LH. Carcinoids of the jejunum and ileum: An immunohistochemical and clinicopathologic study of 167 cases. *Cancer* 1997;79(6):1086-93
  5. Pantongrag-Brown L, Levine MS, Buetow PC, Buck JL, and Elsayed AM. Meckel's enteroliths: clinical, radiologic, and pathologic findings. *Am J Roentgenol* 1996;167(6):1447-50
  6. Elsayed AM, Albahra M, Nzeako UC, and Sobin LH. Malignant melanoma in the small intestine: A study of 103 patients. *Am J Gastroenterology* 1996;91(5):1001-1006
  7. Brown-Pantongrag L, Levine MS, Elsayed AM, Buetow PC, Agrons GA, and Buck JL. Inverted Meckel diverticulum: Clinical, radiologic, and pathologic findings. *Radiology* 1996;199:693-696
  8. Sobin LH, Elsayed AM, Thomas RM, Baybick JH. Gastric carcinoids: An immunohistochemical and clinicopathologic study of 104 Patients. *Cancer* 1995;75(1):129-130
  9. Davis HQ, Kamimori GH, Kulesh DA, Mehm WJ, Anderson LH, Elsayed AM, Burge JR, and Balkin TJ. Visual performance with the Aviator Night Vision Imaging System (ANVIS) at a simulated altitude of 4300 meters. *Aviation Space & Environmental Medicine* 1995;66(5):430-434
  10. Mun SK; Elsayed AM; Tohme WG; Wu YC. Teleradiology/telepathology requirements and implementation. *J of Medical Systems* 1995;19(2):153-64
  11. Thomas RM, Baybick JH, Elsayed AM, Sobin LH. Gastric carcinoids: an immunohistochemical and clinicopathologic study. *Cancer* 1994;74(9):2601
  12. Buck JL, Elsayed AM. Tumores ampulare: correlación radiológica-pathológica. *Rev Mex Radiol* 1994;49:23-38
  13. Thomas RM, Baybick JH, Elsayed AM, Sobin LH. Gastric carcinoids: an immunohistochemical and clinicopathologic study of 104 Patients. *Cancer* 1994;73:2053-2058
  14. Elsayed AM, Car NJ, Monihan JM. descriptive analysis of light microscopy images in the field of anatomic pathology. *Proceedings of the First International Conference on Medical Aspects of Telemedicine*. Tromso/, Norway 1993
  15. Seidman JD, Elsayed AM, Sobin LH, Tavassoli FA. Pseudomyxoma peritonei. *Am J Surg Pathol* 1993;17(10):1070-1071
  16. Thomas RM, Elsayed AM, Sobin LH. Jejunal and ileal carcinoids: an immunohistochemical and clinicopathologic study of 169 cases. *Am J Clin Pathol* 1993;100:316-317

17. Kaler SG, Westman JA, Bernes SM, Elsayed AM, Bowe CM, Freeman KL, Wu CD, Wallach MT. Gastrointestinal hemorrhage associated with gastric polyps in Menkes disease. *J Pediatr* 1993;122(1):93-95

18. Buck JL, Elsayed AM. Ampullary tumors: radiologic-pathologic correlation. *Radiographics* 1993;13(1):193-212

19. Seidman JD, Elsayed AM, Sobin LH, Tavassoli FA. Association of mucinous tumors of the ovary and appendix. A clinicopathologic study of 25 cases. *Am J Surg Pathol* 1993;17(1):22-34

#### A.3. Abstracts:

20. Elsayed AM, Monihan JM, Carr NJ. Technical Requirements of Telepathology Devices in the Field of Anatomic Pathology. Proceedings of the First International Conference on Medical Aspects of Telemedicine. Tromsø/, Norway 1993

21. Elsayed AM, Mun SK. Technical requirements of medical diagnostic databases, with emphasis on the field of anatomic pathology. Proceedings of the International Symposium on Computer Assisted Radiology, Berlin, Germany 1993

#### B. As a Resident/Fellow:

##### B.1. Peer Reviewed Articles:

22. Vial PA, Robins-Browne R, Lior H, Pardo V, Kaper JB, Nataro JP, Maneval D, Elsayed A, Levine MM. Characterization of enteroadherent-aggregative *Escherichia coli*, a putative agent of diarrheal disease. *J. Inf. Dis.* 1988;158(1):70-78

23. Shamsuddin AM, Elsayed AM, Ullah A. Suppression of large intestinal cancer in F344 rats by inositol hex phosphate. *Carcinogenesis* 1988;9(4):577-580

24. Shamsuddin AKM, Elsayed AM. A test for detection of colorectal cancer. *Human Pathol.* 1988;19:7-10

25. Elsayed AM, Shamsuddin AKM. Mouse colon epithelium, observation of some unique ultrastructural features. *J. Submic. Cytol.* 1986;18(4): 761-771

##### B.2. Abstracts:

26. Chakravarthy A, Elsayed A, Ullah A, Shamsuddin AKM. Azoxymethane induced large intestinal carcinogenesis in Fischer 344 rats. A two-dimensional dose and time model. *Federation of American Societies for Experimental Biology Proceedings* 46(3): 744, 1987

27. Elsayed A, Ullah A, Shamsuddin A. Post initiation dietary supplementation with corn-derived inositol hex phosphate (IP6) inhibits large intestinal carcinogenesis in Fischer 344 rats. *Federation of American Societies for Experimental Biology Proceedings* 46(3): 585, 1987

28. Elsayed AM, Chakravarthy A, Shamsuddin AKM. Inositol hex phosphate from corn decreased the frequency of colorectal cancer in azoxymethane treated rats. *Lab. Invest.* 56(1): 21A, 1987

29. Elsayed AM, Shamsuddin AKM. Hemagglutination inhibition assay for detection of large intestinal cancer associated glycoconjugates in rectal mucus. *Lab. Invest.* 56(1): 72A, 1987

30. Elsayed AM, Shamsuddin AKM. Detection of altered glycoconjugate in preneoplastic and neoplastic human large intestinal epithelia by galactose oxidase-Schiff sequence. *Lab. Invest.* 56(1): 22A, 1987

31. Elsayed AM, Shamsuddin AKM. A strip test for detection of colorectal cancer. *Lab. Invest.* 56(1): 22A, 1987

32. Elsayed AM, Jockle G, Shamsuddin AKM. Peanut agglutinin as a marker for preneoplastic and neoplastic changes in human and rat colon. *Proc Am Assoc Cancer Res* 27: 201, 1986