

JOEL K. GREENSON, M.D.
ASSOCIATE PROFESSOR OF PATHOLOGY
DEPARTMENT OF PATHOLOGY

ANNUAL DEPARTMENTAL REPORT
1 JULY 1999 - 30 JUNE 2000

I. CLINICAL ACTIVITIES:

- A. General surgical pathology - four months
- B. Gastrointestinal and hepatic pathology consultation services - six months
- C. Liver transplant pathology - six months

II. TEACHING ACTIVITIES:

MEDICAL SCHOOL/HOSPITALS:

- A. Medical Students:
 - 1. Pathology 600 - Laboratory Instructor (25 contact hours)
 - 2. GI Pathology Sequence, assisted Dr. Appelman (ten contact hours)
 - 3. GI Pathology Sequence, 2 hours full class lecture
 - 4. Preceptor for M-4 rotation (20 contact hours)
- B. Dental Students:
 - 1. Pathology 630-631 one full class lecture (one contact hour)
- C. House Officers:
 - 1. Surgical pathology diagnosing room instruction for house officers - four months
 - 2. Two didactic lectures on gastrointestinal pathology - May, 1999
 - 3. Gastrointestinal and hepatic pathology tutoring - six months
 - 4. Four consultation conferences
- D. Interdepartmental:
 - 1. Liver biopsy conference - one hour per month
 - 2. Multidisciplinary GI tumor board - 1-1/2 hours every other week
 - 3. GI pathology teaching sessions with GI fellows - one hour/week

III. RESEARCH ACTIVITIES:

SPONSORED SUPPORT:

- A. Co-investigator R01CA66560-01 (\$5,180,000) "Staging Breast Cancer with Positron Emission Tomography", 5% salary support, Richard L. Wahl, M.D. Principal investigator.

- B. Co-investigator R01ES07129- 01A2 (\$1,153,536) “DDT and Related Compounds and Pancreas Cancer”, 5% salary support, David H. Garabrant, M.D. Principal investigator.
- C. Co-Investigator R01CA81488-01 (\$4,547,772) “Molecular Epidemiology of Colorectal Cancer”, 20% Salary Support, years 1-4, Stephen Gruber, M.D., Ph.D. Principal Investigator.
- D. Co-Investigator N01-DK-9-2323 (\$1,433,559) “Hepatitis C Clinical Trial”, 7% Salary Support, Anna Lok, M.D. Principal Investigator.

PROJECTS UNDER STUDY:

- A. Study of COX-2 expression in H. pylori gastritis with Division of Rheumatology.
- B. Study of molecular mechanisms in Barretts cancers, G-E junction cancers, and H. pylori cancers with Amy Fergueson and Tom Giordano.
- C. NIH study of HCV with Anna Lok in Division of Gastroenterology.
- D. NIH study of the Molecular Epidemiology of Colon Cancer in Israel.
- E. Study of PET scans in detecting metastases in breast cancer with Richard Wahl, Division of Nuclear Medicine.
- F. Study of etiology of pancreas cancer with David Garabrandt, School of Public Health.
Study of Granulomatous Appendicitis with Laura Lamps at the University of Arkansas.
Study of Barretts dysplasia grading with GI Study Group.
Study of Neuroendocrine Tumors of the Gut with Murray Resnick, M.D. Haifa, Israel
Study of Vascular proliferative lesions of the Gut with Neil Bavikatty, M.D.

IV. ADMINISTRATIVE ACTIVITIES:

DEPARTMENTAL:

- A. Director, Surgical Pathology
- B. Director, Surgical Pathology Fellowship Program.
- C. Quality Assurance Officer for Surgical Pathology
- D. Member, Residency Selection Committee
- E. Member, Departmental Incentive Committee
- F. Member, University Hospital Tissue Committee
- G. Member, University Hospital Operating Room Committee

REGIONAL AND NATIONAL:

- A. Reviewer, Cancer
- B. Reviewer, Archives of Pathology and Laboratory Medicine

- C. Reviewer, Gastroenterology
- D. Reviewer, Human Pathology
- E. Reviewer and Editorial Board member, American Journal of Surgical Pathology
- F. Reviewer, American Journal of Pathology.
- G. Reviewer, Modern Pathology
- H. Webmaster, Hans Popper Hepatopathology Society
- I. Abstract reviewer, GI section of USCAP meeting
- J. Chairperson, Education Committee of the Gastrointestinal Pathology Society
- K. Judge for Resident Abstract competition, Hans Popper Hepatopathology Society
- L. Editorial Board member, The Online Journal of Digestive Diseases
- M. President-Elect, Gastrointestinal Pathology Society.

V. OTHER RELEVANT ACTIVITIES:

INVITED LECTURES/SEMINARS:

1. Moderator and Invited Speaker, GI Pathology Society Companion Meeting at ASCP Meeting, New Orleans, October, 1999.
2. Invited Speaker, Pathology Grand Rounds, Univ. of Michigan, Dept of Pathology, Jan. 2000.
3. Co-director of USCAP course entitled "Infectious Diseases of the GI tract," March, 2000.
4. Invited Panelist, Gastrointestinal Pathology Specialty Conference, USCAP Meeting, March 2000.
5. Moderator, GI Pathology Society Companion Meeting at USCAP meeting, March 2000.
6. Moderator, GI Pathology Society Companion Meeting at DDW meeting, May, 2000.
7. Faculty Member, ASCP Workshop - Surgical Pathology of the Gastrointestinal Tract, Aspen, Colorado, May 1999.
8. Invited Speaker, M-Labs Symposium, Ann Arbor, Michigan, May 2000.

VI. PUBLICATIONS:

ARTICLES PUBLISHED OR ACCEPTED FOR PUBLICATION IN REFEREED JOURNALS:

1. Tworek JA, Goldblum JR, Weiss SW, Greenson JK, Appelman, HD. Stromal Tumors of the Abdominal Colon. Am J Surg Pathol 23:937-945, 1999.
2. Tworek JA, Goldblum JR, Weiss SW, Greenson JK, Appelman HD. Stromal Tumors of the Anorectum. Am J Surg Pathol 23:946-954, 1999.
3. Shureiqi I, Wojno K, Poore J, Reddy R, Moussalli MJ, Spindler S, Greenson JK, Normolle D, Hasan AA, Lawrence TS, Brenner DE: Decreased 13-S-

- hydroxyoctadecadienoic acid levels and 15-lipoxygenase,-1 expression in human colon cancers. *Carcinogenesis* 20:1985-95, 1999.
4. Valdez R, Bronner M, Appelman HD, Greenson JK: Diffuse Duodenitis Associated with Ulcerative Colitis. *American Journal of Surgical Pathology* (In Press).

ARTICLES SUBMITTED FOR PUBLICATION IN PEER-REVIEWED JOURNALS:

1. Montgomery E, Goldblum JR, **Greenson JK**, Haber MM, Lamps LW, Lauwers GY, et al: Dysplasia as a Predictive Marker for Invasive Carcinoma in Barrett's Esophagus, A Follow-up Study Based on 138 Cases from a Diagnostic Variability Study. *Human Pathology*
2. Montgomery E, Goldblum JR, **Greenson JK**, Haber MM, Lamps LW, Lauwers GY, et al: Diagnostic Reproducibility of the Diagnosis of Dysplasia in Barrett's Esophagus: A Reaffirmation. *Human Pathology*.

BOOKS/CHAPTERS IN BOOKS:

None.

ABSTRACTS, BOOK REVIEWS, PUBLISHED LETTERS TO THE EDITOR, MISCELLANEOUS PUBLICATIONS IN UNREFEREED JOURNALS:

1. Lamps LW, Madhusudhan KT, Greenson JK, Pierce RH, Massoll NA, Scott MA. *Yersinia enterocolitica*: A potentially important cause of granulomatous appendicitis. Poster presentation at USCAP Meeting, 2000. *Modern Pathol* 13:83A, 2000.
2. Lazenby AJ, Greenson JK, Wilcox CM, Winokur TS. Staining of Microsporidia Nuclei by Light Microscopy. Poster Presentation at USCAP Meeting, 2000. *Modern Pathol* 13:84A, 2000.
3. Montgomery E, Bronner M, Goldblum J, Greenson JK, Haber M, Lamps L, et al. Diagnostic Reproducibility of Dysplasia in Barrett's Esophagus (BE): A Reaffirmation. Poster Presentation at USCAP Meeting 2000. *Modern Pathol* 13:85A, 2000.
4. Montgomery E, Bronner M, Goldblum J, Greenson JK, Haber M, Lamps L, et al. Dysplasia as a Predictive Marker for Cancer in Barrett's Esophagus: A follow-up study based on consensus diagnoses in 151 cases from 10 institutions. Platform Presentation at USCAP Meeting 2000. *Modern Pathol* 13:85A, 2000.
5. Ormsby AH, Granlich TL, Montgomery E, Bronner M, Greenson JK, Haber M, et al. Cytokeratin Subsets (CK7/20) Immunostaining in Biopsies of Barrett's Esophagus (BE) and BE-related Dysplasia/Adenocarcinoma (ADC): A multi-institutional study. Platform Presentation at USCAP Meeting 2000. *Modern Pathol* 13:86A, 2000.

6. Valdez R, Giordano TJ, Greenson JK. Endocrine Cell (EC) Hyperplasia of the Stomach in Graft-versus-Host-Disease (GVHD). Poster Presentation at USCAP Meeting 2000. Modern Pathol 13:90A, 2000.