

**AUTOPSY/INFECTIOUS PATHOLOGY**

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**BONE-SOFT TISSUE PATHOLOGY**

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**BREAST/GYNECOLOGIC PATHOLOGY AND GYN-CYTOPATHOLOGY**

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David Dabbs, MD  
Esther Elishaev, MD  
Jeffrey Fine, MD  
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**CARDIAC PATHOLOGY**

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**CYTOPATHOLOGY- NON-GYNECOLOGICAL**

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**DERMATOPATHOLOGY/IF**

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**ENDOCRINE PATHOLOGY**

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**EYE PATHOLOGY**

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**FISH STUDIES**

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**GENITOURINARY PATHOLOGY**

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**GI PATHOLOGY**

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**HEAD AND NECK PATHOLOGY**

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**HEMATOPATHOLOGY**

Steven H. Swerdlow, MD  
Lydia Contis, MD  
Fiona Craig, MD  
Miroslav Djokic, MD  
Raymond Felgar, MD  
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**INFORMATICS**

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**KIDNEY/EM**

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**LIVER AND TRANSPLANT PATHOLOGY**

A. Jake Demetris, MD  
Michael Nalesnik, MD  
Erin R. Ochoa, MD  
Parmjeet Randhawa, MD  
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**MALIGNANT MELANOMA**

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(See Dermatopathology)

**MOLECULAR ANATOMIC PATHOLOGY**

Yuri Nikiforov, MD, PhD  
Marina Nikiforova, MD, PhD  
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**NEUROPATHOLOGY**

Clayton Wiley, MD, PhD  
Charleen Chu, MD, PhD  
Ronald Hamilton, MD  
Geoffrey Murdoch, MD, PhD  
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**PERINATAL PATHOLOGY**

Tony Parks, MD  
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**PEDIATRIC PATHOLOGY**

Ron Jaffe, MBBCh  
Csaba Galambos, MD  
John Ozolek, MD  
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**PULMONARY AND MEDIASTINAL PATHOLOGY**

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**TUMOR CYTOGENETICS**

Urvashi Surti, PhD  
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**IMMUNOHISTOCHEMISTRY AND INSITU TESTS (CHECK BOXES - PARTIAL LIST)**

Hematopathology: Specify Markers

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Filaments

- Actin (smooth muscle)
- Actin (all muscle)
- Actin (sarcomeric)
- CAM 5.2 cytokeratin
- Cytokeratin AE1
- Cytokeratin AE3
- Cytokeratin AE1/AE3
- Cytokeratin 7
- Cytokeratin 20
- Desmin
- Glial fibrillary acidic protein
- Neurofilament
- Pan cytokeratin cocktail
- Vimentin

Microorganisms

- Adenovirus
- CMV
- Epstein-Barr virus (LMP1)
- Hepatitis B core Ag
- Hepatitis delta Ag
- Hepatitis B surface Ag
- Herpes simplex I & II
- Papilloma virus
- Pneumocystis carinii
- SV40
- Toxoplasma
- Varicella zoster
- H. pylori

**Others not listed: Specify**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Neurohormonal

- ACTH
- Androgen receptor
- Calcitonin
- Chorionic gonadotropin B
- Chromogranin
- FSH
- Gastrin
- Glucagon
- Growth hormone
- Insulin
- LH
- Neuron specific enolase
- Parathormone
- Prolactin
- Serotonin
- Somatostatin
- Synaptophysin
- Thyroglobulin
- TSH

Oncofetal antigens

- a- fetoprotein
- CEA (monoclonal)
- CEA (polyclonal)

Melanoma

- HMB45
- NKIC3
- S100

Prostate

- Keratin 903 (34 beta E12)
- Prostatic specific Ag.
- Prostatic acid phosphatase
- P63
- P5045 S

Breast

- B72.3
- Gross cystic disease fluid

Hormones

- Estrogen receptor
- Placental alkaline phosphatase
- Progesterone receptor

Amyloid

- Amyloid A
  - Amyloid P
  - Beta amyloid
  - Preactalbumin transthyretin
- In Situ Hybridization
- Adenovirus
  - CMV
  - EBV-EBER probe
  - HPV-6, 11, 16, 18, 31, 33, 35
  - HSV I, II
  - JCV
  - mRNA Kappa
  - mRNA lambda

Miscellaneous

- alpha-1-antitrypsin
- BCL-2
- C1Q complement
- CD31
- CD56 (N-CAM)
- Collagen IV
- Epithelial membrane antigen
- Ewing's sarcoma Ag
- Factor VIII
- Factor XIIIa
- Fibrinogen
- Heppar 1
- HER-2-neu
- Ki67 (Mib1)
- Lewis X
- Mesothelioma-Ag
- Myoglobin
- Myosin
- p53
- Pancreatic polypeptide
- Ubiquitin
- Ulex europeous lectin
- P63
- WT-1
- C-Kit ipox
- EGFR (for colon cancer)
- OCT 3/4

Molecular Testing

- Biliary neoplasia profile**
- De novo carcinoma vs metastasis**
- EGFR sequencing- Lung carcinoma**
- Glioma profile**
- Microsatellite instability in colon or gastric cancer**
- Pancreatic neoplasia panel**
- Parathyroid neoplasm profile**
- Thyroid neoplasia profile**
- Tissue identification to determine origin of specimen- DNA identity testing**
- FISH for sarcomas, lymphomas, leukemia;**  
**Specify: \_\_\_\_\_**  
**1p/19q**  
**EGFR**  
**EWS**  
**Her2/ neu**  
**SYT**  
**Other: \_\_\_\_\_**
- Urovisyon testing on urine specimens**

(See molecular AP pathologists above for questions)