## No 1: Colorectal Cancer

4  Colorectal Cancer: Perspectives on Treatment, Survivorship, and Outcomes  
   David Shibata, MD

7  Current Progress in Targeted Therapy for Colorectal Cancer  
   Jose Ortega, MD, Carlos E. Vigil, MD, and Catherine Chodkiewicz, MD

16 An Update on Laparoscopic Resection for Rectal Cancer  
   David Row, MD, and Martin R. Weiser, MD, FACS

25 Radiation Therapy for Rectal Cancer: Current Status and Future Directions  
   Sarah E. Hoffe, MD, Ravi Shridhar, MD, PhD, and Matthew C. Biagioli, MD

35 Improving Survivorship Care for Patients With Colorectal Cancer  
   Leigh Anne Faul, PhD, David Shibata, MD, Ione Townsend, ARNP, and Paul B. Jacobsen, PhD

44 Sexual Function in Colorectal Cancer Survivors  
   Kristine A. Donovan, PhD, Lora M. A. Thompson, PhD, and Sarah E. Hoffe, MD

52 The Effects of Obesity and Obesity-Related Conditions on Colorectal Cancer Prognosis  
   Erin M. Siegel, PhD, Cornelia M. Ulrich, PhD, Elizabeth M. Poole, PhD, Rebecca S. Holmes, MD, MPH, Paul B. Jacobsen, PhD, and David Shibata, MD

58 Special Report: The False Discovery Rate: A Key Concept in Large-Scale Genetic Studies  
   James J. Chen, PhD, Paula K. Roberson, PhD, and Michael J. Schell, PhD

## No 2: Hepatocellular Carcinoma

68 Hepatocellular Carcinoma: Fighting the Rising Tide  
   Lawrence B. Berk, MD, PhD

72 Imaging of the Liver for Hepatocellular Cancer  
   Eric K. Outwater, MD

83 Liver Transplantation for Hepatocellular Carcinoma  
   Angel E. Alsina, MD, FACS

87 Interventional Radiological Treatment of Hepatocellular Carcinoma  
   Cliff R. Davis, MD

100 Nonsurgical Options for Hepatocellular Carcinoma: Evolving Role of External Beam Radiotherapy  
   Sarah E. Hoffe, MD, Steven E. Finkelstein, MD, Mark S. Russell, MS, MHA, RTT, and Ravi Shridhar, MD, PhD

111 Stereotactic Body Radiation Therapy for Liver Metastases and Primary Hepatocellular Carcinoma: Normal Tissue Tolerances and Toxicity  
   Stephen M. Sawrie, MD, PhD, John B. Fiveash, MD, and Jimmy J. Caudell, MD, PhD

120 Systemic Therapy for Advanced Hepatocellular Carcinoma: Past, Present, and Future  
   Jennifer L. Giglia, MD, Scott J. Antonia, MD, PhD, Lawrence B. Berk, MD, PhD, Salvador Bruno, MD, Sophie Dessureault, MD, PhD, and Steven E. Finkelstein, MD

131 Important Notice Concerning Deferasirox

## No 1 Supplement 2010: Iron Overload in Myelodysplastic Syndromes: Diagnosis and Management

2  Iron Overload in Myelodysplastic Syndromes: Diagnosis and Management  
   Alan F. List, MD

## No 2 Supplement 2010: Chronic Lymphocytic Leukemia: Putting New Treatment Options Into Perspective

4  Chronic Lymphocytic Leukemia: Putting New Treatment Options Into Perspective  
   Javier Pinilla-Ibarz, MD, PhD, and Amy McQuary, PharmD, BCOP
No 3: Breast Cancer

140 The “Molecular” Buzz in Breast Cancer
Christine Laronga, MD, FACS

143 Molecular and Functional Imaging of Breast Cancer
Narges K. Tafreshi, PhD, Virendra Kumar, PhD, David L. Morse, PhD, and Robert A. Gatenby, MD

156 Elastography for the Characterization of Breast Lesions: Initial Clinical Experience
Todd R. Kumm, MD, and Margaret M. Szabunio, MD, FACR

162 Fertility and Reproductive Considerations in Premenopausal Patients With Breast Cancer
M. Catherine Lee, MD, Jhanelle Gray, MD, Hyo Sook Han, MD, and Shayne Plosker, MD

173 A Review of Triple-Negative Breast Cancer
Roohi Ismail-Khan, MD, and Marilyn M. Bui, MD, PhD

177 Gene Expression Profiling in Breast Cancer
Kiran Turaga, MD, MPH, Geza Acs, MD, PhD, and Christine Laronga, MD, FACS

183 Developing an Effective Breast Cancer Vaccine
Hatem Soliman, MD

191 Accelerated Partial Breast Irradiation: Potential Roles Following Breast-Conserving Surgery
Matthew C. Biagioli, MD, MS, and Eleanor E.R. Harris, MD

No 4: Genitourinary Oncology

212 Progress in Genitourinary Malignancies
Julio M. Pow-Sang, MD

214 Premalignant and Malignant Prostate Lesions: Pathologic Review
Shohreh Iravani Dickinson, MD

223 Emerging Technologies in Prostate Cancer Radiation Therapy: Improving the Therapeutic Window
Matthew C. Biagioli, MD, MS, and Sarah E. Hoffer, MD

233 Optimizing Cancer Control and Functional Outcomes Following Robotic Prostatectomy
José J. Correa, MD, and Julio M. Pow-Sang, MD

245 Promoter Hypermethylation in Prostate Cancer
Jong Y. Park, PhD, MS, MPH

256 Bladder Cancer: A Review of Non–Muscle Invasive Disease
Wade J. Sexton, MD, Lucas R. Wiegand, MD, José J. Correa, MD, Christos Politis, MD, Shohreh Iravani Dickinson, MD, and Loveleen C. Kang, MD

269 Cytoreductive Nephrectomy vs Medical Therapy as Initial Treatment: A Rational Approach to the Sequence Question in Metastatic Renal Cell Carcinoma
Philippe E. Spiess, MD, MS, and Mayer N. Fishman, MD, PhD