

## PHARMACEUTICALS & BIOLOGICS

<b>FANC:</b> Potentiating Melphalan in Multiple Myeloma by Targeting the Fanconi Anemia/BRCA Resistance Pathway	03B097
<b>VEGF/PDGF:</b> Orally Bioavailable Small Molecule that Binds VEGF or PDGF for the Treatment of Cancer or Age-Related Macular Degeneration	03B114
<b>RhoB:</b> Variants for the Suppression of Malignancy	04B102
<b>STAT3:</b> Enhancing Immune Response to Tumor Cells	04B112
<b>MRP1:</b> Compounds for Treating Multidrug Resistance	04MA001
<b>Raf/Mek/P-Erk:</b> Inhibition of the Raf-1/Mek-1/Erk1/2 Pathway by the Beta-2-Adrenergic Receptor Agonist Pirbuterol	05B072
<b>Src, Abl:</b> Dasatinib on Drug-Eluting Stents for the Prevention and Treatment of Restenosis and Stenosis	05B111N
<b>Rb/Raf:</b> Orally active disruptors of the Rb/Raf-1 binding interaction	05B126
<b>Shp2:</b> Indoline Scaffold Protein Tyrosine Phosphatase Inhibitors	06A038
<b>BCR-ABL:</b> Vorinostat co-treatment enhances dasatanib efficacy in CML	06B078N
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<b>Rho Kinase:</b> Isoform Selective ROCK inhibitors as anticancer drugs	09MA015
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<b>Mcl-1/Bcl-xL:</b> Cyclic, Symmetrical and Asymmetrical Marinopyrroles as Anti-Cancer	12MA035N
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<b>Anti-infectives:</b> Symmetrical Synthetic Marinopyrroles as anti-MRSA Therapeutics	12MB110
<b>BRD4 JAK2:</b> Novel BRD4/JAK2 Dual Inhibitors as Cancer Therapeutics	14MB069

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DIAGNOSTICS, VACCIINES,  
 CELL THERAPIES, DEVICES,  
 TOOLS, SOFTWARE

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## PHARMACEUTICALS & BIOLOGICS (cont.)

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<b>TIM3:</b> CAR-T cell constructs (chimeric antigen receptors) that Recognize TIM3 to treat AML	17MA008
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<b>Protein Signature:</b> Discriminating Common Adenocarcinomas	05A014
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<b>Protein Biomarker:</b> Predicting Response to Immunosuppression in MDS	07A056
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<b>Antibody Diagnostic:</b> Monitoring Multiple Myeloma Progression and Recurrence	08MA005
<b>Genetic Signature:</b> Lymph Node Formation for Prognosis of Colorectal Cancer	09MA014

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#### DIAGNOSTICS, DEVICES TOOLS, SOFTWARE



## DIAGNOSTICS (cont.)

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<b>Molecular Imaging Probe:</b> Non-invasive Detection of Breast Cancer in Lymph Nodes	10MA024
<b>Molecular Imaging Probe:</b> Fluorescent and MRI Targeted Probes for the Melanocortin Receptor 1 on Melanomas, and Micelle Complexes for Drug Delivery	10MB069N
<b>Genetic Signature:</b> CREB Pathway Gene Signature to Determine which Ovarian Cancer Patients would have a Survival Benefit from Optimal Surgical Debulking	11MA006
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<b>Genetic Signature:</b> Method of Detecting MDS Using hTERT Activity	11MB061N
<b>Molecular Imaging Probe:</b> Intraoperative Detection of Pancreatic Cancer Using Targeted Fluorescent Probes	11MB064
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<b>Genetic Signature:</b> Five Gene Signature Predicts Overall and Recurrence-Free Survival in NSCLC	12MA023N
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<b>Genetic Signature:</b> O-glycan Pathway Gene Signature to Determine which Ovarian Cancer Patients would have a Survival Benefit from Optimal Surgical Debulking	12MA034
<b>Genetic Signature:</b> Determining Prostate Cancer Recurrence Using Polymorphisms In Angiogenesis Genes	12MA045
<b>Molecular Imaging Probe:</b> Probes for Lung Cancer Intraoperative Guidance	12MA050N
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<b>Molecular Imaging Probe:</b> A Novel <sup>18</sup> F Scaffold for Preparing Targeted PET Imaging Probes	12MB104
<b>Protein Diagnostic:</b> Phosphorylated STAT3 Protein as a Biomarker of Graft Versus Host Disease	13MA002
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<b>Molecular Imaging:</b> Novel PET Probes of Radiofluorinated Carboximidamides for IDO-Targeted Imaging	13MB056N
<b>miRNA Diagnostic:</b> Blood Based microRNA Assay to Detect Malignant Intraductal Papillary Mucinous Neoplasms (IPMNs)	13MB078
<b>miRNA Diagnostic:</b> Signature to Predict Progression of Barrett's Esophagus to Esophageal Dysplasia or Adenocarcinoma	13MB080

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#### DIAGNOSTICS DEVICES, TOOLS SOFTWARE



## DIAGNOSTICS (cont.)

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<b>Genetic Signature:</b> Microarray-based Gene Expression Profiling to Predict Tumor Sensitivity to Radiotherapy	14MA052N
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<b>Diagnostic:</b> Intracellular S100A9 Alone or NLRP3 Inflammasome Activation May Be Specific Biomarkers for MDS	15MA021N
<b>Diagnostic:</b> S100A9 Serum Concentration Levels Predict Lenalidomide Response Duration	15MA031N
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<b>Protein Biomarker:</b> Diagnostic for Progression of MDS to AML Using PD-1 or PD-L1 Expression	15MB065
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## DEVICES, TOOLS & SOFTWARE

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<b>Software:</b> Method for Improved Detection of Lung Function and Management of Lung Cancer Radio Therapy	10MA037N
<b>Software:</b> Method for Improving the Accuracy of Charged Particle Beam Radiotherapy	12MB072
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<b>Software:</b> A Quantitative Framework to Identify Radiation Targets for Cancer Treatment that Synergize with Immunotherapy (Abscopal Effect)	14MA022
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