PHARMACEUTICALS & BIOLOGICS

FANC: Potentiating Melphalan in Multiple Myeloma by Targeting the Fanconi Anemia/BRCA Resistance Pathway	03B097
VEGF/PDGF: Orally Bioavailable Small Molecule that Binds VEGF or PDGF for the Treatment of Cancer or Age-Related Macular Degeneration	03B114
RhoB: Gene Therapy with RhoB Variants to Suppress Cancer Growth	04B102
STAT3: Enhancing Immune Response to Tumor Cells	04B112
MRP1: Compounds for Treating Multidrug Resistance	04MA001
Raf/Mek/P-Erk: Inhibition of the Raf-1/Mek-1/Erk1/2 Pathway by the Beta-2-Adrenergic Receptor Agonist Pirbuterol	05B072
Src, Abl: Dasatinib on Drug-Eluting Stents for the Prevention and Treatment of Restenosis and Stenosis	05B111N
Shp2: Indoline Scaffold Protein Tyrosine Phosphatase Inhibitors	06A038
BCR-ABL: Vorinostat Co-treatment Enhances Dasatanib Efficacy in CML	06B078N
Rho Kinase: Inhibitors as Novel Anti-Cancer Agents	06B134
Glut-1: Glucose Transporter Inhibitor Antibodies	07B083
SHIP: Inhibitors for Treating Graft vs. Host Disease and Transplant Rejection	08MB010
Topoisomerase II: Inhibitors of Nuclear Export of Topoisomerase II Alpha	08MB014
Aurora: Aurora A Kinase Inhibitors	09MA037
pH: Inhibition of Metastasis with Systemic Non-volatile Buffers	09MB048
Mcl-1: Asymmetrical Marinopyrroles as Anti-Cancer Agents	10MA018N
LPAAT: Lysophosphatidic Acid Acyltransferase-Beta Inhibitors to Treat Pancreatic Cancer	10MA019N
FT/GGT: Farnesyltransferase/ Geranylgeranyltransferase Dual Inhibitor	10MB048
Topoisomerase II: Inhibitor Enhancer in Multiple Myeloma	10MB078
Proteasome: Non-covalent and Reversible Proteasome Inhibitors with an Oxadiazole-isopropylamide Core	10MB083
SHP2: Novel Small Molecule Oxindole Tyrosine Phosphatase Inhibitor	12MA024N
HDAC6: Small Molecule Histone Deacetylase 6 Inhibitor with a Substituted Aryl Urea Cap Group	12MA030
Mcl-1/Bcl-xL: Cyclic, Symmetrical and Asymmetrical Marinopyrroles as Anti-Cancer Agents	12MA035N
IRE-1: Novel Small Molecule Inhibitors of IRE-1 for Treatment of B-cell Cancer	12MB089
STAT3: STAT3 Dimerization Inhibitors	12MB098
Anti-infectives: Symmetrical Synthetic Marinopyrroles as anti-MRSA Therapeutics	12MB110
BRD4 JAK2: Novel BRD4/JAK2 Dual Inhibitors as Cancer Therapeutics	14MB069
WEE1: Small Molecule WEE1 Inhibitor to Treat Cancer that Inhibits WEE1 Phosphorylation of H2B but not Cdc2	14MB092N
Ras: Inhibitors of the Binding of GTP to Oncogenic Mutant K-Ras	15MA011
Ras/Raf: Stapled Peptides Designed to Inhibit the K-Ras/Raf Interaction	15MA012
Aurora/JAK2: Dual JAK2 and Aurora A Kinase Inhibitor for GVHD Prophylaxis	16MA005N
β-catenin/BCL-9: Small Molecule Inhibitors of the Interaction of β-catenin and BCL-9	17MA014
β-catenin/TCF: Small Molecule Inhibitors of the Interaction of β-catenin and T-cell Factor	17MB040N
XBP-1: XXBP-1 Inhibitor B-I09 for the Treatment of Acute GVHD and Solid Organ Rejection	17MB051

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Antibodies: MARCO Antibodies for Enhanced Dendritic Cell Vaccine Efficacy	07MB004
Vaccine: Vaccines Using Synthetic Peptide-Poly IC Complexes that Elicit T-cell Responses Comparable to Live Vaccination	11MA013
Cell Surface Receptors: Cell Surface Receptor Antagonists Conjugated to Immunotherapeutics	14MA025N
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DOR: Delta Opioid Receptor Ligand and anti-PD1 Checkpoint Inhibitor Conjugates for Lung Cancer	16MA029
AaPC: Artificial Antigen-Presenting Cells for Expanding TILs/MILs in Cancer Immunotherapy	16MB050
TAG72: CAR-T Cell constructs (chimeric antigen receptors) that Recognize TAG72	16MB057
IL-13Rα2: CAR-T Cell constructs (chimeric antigen receptors) that Recognize IL-13Rα2	16MB069
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TILs: Method to Increase TILs by Administering Fucose to a Patient	17MB048
CD83: CAR-T cell constructs (chimeric antigen receptors) that Recognize CD83 to prevent GVHD	18MA007
AaPC: Artificial Antigen-Presenting Cells with Heparin-Binding Domain and Protein L for Producing CAR-T Cells	18MA019
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Brain Mets: CAR-T Cell Constructs with Phage Display Derived Peptide Oligomers that Recognize Lung Cancer Brain Metastases	18MB059
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Protein Signature: Discriminating Common Adenocarcinomas	05A014
Genetic Signature: Metastatic Melanoma Stage Identification	06B073
Plasma Protein Biomarker: Diagnosis of Ovarian Cancer	06B098
Protein Biomarker: Predicting Response to Immunosuppression in MDS	07A056
Genetic Signature: Predicting Tumor Aggressiveness	07B108
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Genetic Signature: Malignancy Risk Signature to Predict High-Risk Normal Breast Tissues	08A016
Antibody Diagnostic: Monitoring Multiple Myeloma Progression and Recurrence	08MA005
Genetic Signature: Lymph Node Formation for Prognosis of Colorectal Cancer	09MA014
Protein Biomarker/Genetic Signature: Diagnostic for the Classification of Carcinomas of Unknown Primary Site (CUP)	10MA009
Genetic Signature: Predicting High Grade Glioma Outcomes Using Senescence Associated Genes	10MA013
Molecular Imaging Probe: Non-invasive Detection of Breast Cancer in Lymph Nodes	10MA024
Molecular Imaging Probe: Fluorescent and MRI Targeted Probes for the Melanocortin Receptor 1 on Melanomas, and Micelle Complexes for Drug Delivery	10MB069N
Genetic Signature: CREB Pathway Gene Signature to Determine which Ovarian Cancer Patients would have a Survival Benefit from Optimal Surgical Debulking	11MA006
Protein Diagnostic: Protein-Protein Interaction (PPI) Biomarkers	11MA014
Imaging: Digital Pathology Tool to Grade Breast Cancer Histological Images	11MA022

FOR ADDITIONAL INFORMATION CONTACT

PHARMACEUTICALS & BIOLOGICS

Haskell Adler PhD MBA CLP
Sr. Licensing Manager, Registered Patent Agent
haskell.adler@moffitt.org
(813) 745-6596

Jarett Rieger Esq. MBA
Sr. Director, Innovation Office
jarett.rieger@moffitt.org
(813) 745-6828

DIAGNOSTICS, DEVICES TOOLS,SOFTWARE

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Molecular Imaging Probe: Surrogate Markers for Colon Adenoma and Adenocarcinoma	11MA026N
Genetic Signature: Method of Detecting MDS Using hTERT Activity	11MB061N
Molecular Imaging Probe: Intraoperative Detection of Pancreatic Cancer Using Targeted Fluorescent Probes	11MB064
Genetic Signature: Predicting Response to Cancer Immunotherapy	11MB069
Protein Signature: Method of Diagnosing Chronic Lymphocytic Leukemia	11MB072N
Protein Diagnostic: Mass Spectrometry Diagnostic for BRAF and Heat Shock Proteins	11MB087N
Genetic Signature: Five Gene Signature Predicts Overall and Recurrence-Free Survival in NSCLC	12MA023N
Genetic Signature: O-glycan Pathway Gene Signature to Determine which Ovarian Cancer Patients would have a Survival Benefit from Optimal Surgical Debulking	12MA034
Genetic Signature: Determining Prostate Cancer Recurrence Using Polymorphisms In Angiogenesis Genes	12MA045
Molecular Imaging Probe: Probes for Lung Cancer Intraoperative Guidance	12MA050N
Genetic Signature: E2F/Rb Pathway Signature to Predict Benefit from Adjuvant Chemo in NSCLC	12MA069
Molecular Imaging Probe: A Novel ^{18}F Scaffold for Preparing Targeted PET Imaging Probes	12MB104
Protein Diagnostic: Phosphorylated STAT3 Protein as a Biomarker of Graft Versus Host Disease	13MA002
Multiplex Diagnostic: RNA Sequencing and Mass Spectrometric Method for Detecting Minimal Residual Disease in Multiple Myeloma	13MA009
Genetic Signature: Predicting Recurrence and Benefit From Adjuvant Chemotherapy in Colorectal Cancer	13MA036
Imaging: Decision Support Tool for Oncology Treatment that Analyzes Radiological Images	13MB047
Cell Imaging: Apparatus and Method for Selecting Cancer Treatment Regimens for Multiple Myeloma	13MB048N
Molecular Imaging: Texture Feature Analysis of Low-Dose CT Images for Pulmonary Nodule Diagnosis	13MB054
Molecular Imaging: Novel Imaging Software Diagnostic to Determine Survival in Glioblastoma	13MB055
Molecular Imaging: PET Probes of Radiofluorinated Carboximidamides for IDO-Targeted Imaging	13MB056N
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Genetic Signature: Predicting Distant Metastasis in Stage I Lung Cancer Patients Treated with Surgery	14MA008
Genetic Signature: Microarray-based Gene Expression Profiling to Predict Tumor Sensitivity to Radiotherapy	14MA052N
Molecular Imaging: Monoacylated TLR2 Ligand Fluorescent Probe for Detection and Tumor Removal in Pancreatic Cancer Patients	15MA015
Diagnostic: Intracellular S100A9 Alone or NLRP3 Inflammasome Activation May Be Specific Biomarkers for MDS	15MA021N
Diagnostic: S100A9 Serum Concentration Levels Predict Lenalidomide Response Duration	15MA031N
Molecular Imaging Probe: In vivo Positron Emission Tomography-Based Perfusion/Blood Pool Imaging Using Labeled Erythrocytes	15MB042N
Protein Biomarker: Diagnostic for Progression of MDS to AML Using PD-1 or PD-L1 Expression	15MB065

DIAGNOSTICS, IMMUNOTHERAPIES PHARMACEUTICALS & BIOLOGICS

FOR ADDITIONAL INFORMATION CONTACT

Haskell Adler PhD MBA CLP
Sr. Licensing Manager, Registered Patent Agent
haskell.adler@moffitt.org
(813) 745-6596

Jarett Rieger Esq. MBA
Sr. Director, Innovation Office
jarett.rieger@moffitt.org
(813) 745-6828

DIAGNOSTICS DEVICES, TOOLS SOFTWARE

DIAGNOSTICS (cont.)

Genetic Signature: Distinguishing Lung Carcinoma from Metastatic Head & Neck Carcinoma	16MB040
Protein Biomarker: Measuring MRE11 in Muscle-Invasive Bladder Cancer to Predict whether Cystectomy (bladder removal) would have a Better Outcome than Bladder-sparing Therapy with Chemoradiation	16MB041
Protein Biomarker: Predicting Restoration of Sensitivity to Erythropoietin in MDS Patients treated with Lenalidomide	16MB042
Molecular Imaging Probe: Novel IDO1-Targeting Cancer Diagnostic PET Imaging Agent	16MB044
miRNA Diagnostic: Signature to Predict Progression of Barrett's Esophagus to Esophageal Dysplasia or Adenocarcinoma	16MB066
miRNA Diagnostic: miRNA Signature combined with Radiological Features for Non-invasive Early Detection of Malignancy in IPMN	17MA001
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Med Device: Ventana Inline Dispenser Float Mechanism	09MB053
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Med Device: Arterial Line Catheter Modification	12MA067
Med Device: Improved Enteral Feeding Tube and Retention Disc to Reduce Dislodgement & Infection	13MA001
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Med Device: Safety Catheter with Needle and Blood Exposure Prevention Systems	15MB064
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Med Device: Anesthesia Intra-oral Monitoring System (AIMS) (Replacement for the Nasal Cannula)	16MB046
Research Tool: Novel Electroporation Buffer Formulation for Enhanced Efficiency and Viability	05B141
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Software: Method for Improving the Accuracy of Charged Particle Beam Radiotherapy	12MB072
Software: Automated Technique for Generating BIRADS Scores from Mammograms	13MA025
Software: BMT Research Analysis Information Network (BRAIN) Automates Submission of AGNIS/CIBMTR Forms	13MA053
Software: Decision Support Tool for Oncology Treatment using Mathematical Simulations	13MB073
Software: Real-time Visualization Software Enables Surgeons to "see-through" the patient and remove tumors more effectively	14MA004
Software: A Quantitative Framework to Identify Radiation Targets for Cancer Treatment that Synergize with Immunotherapy (Abscopal Effect)	14MA022
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Copyright: Energize mBC: Web-based Program to Treat Fatigue in Metastatic Breast Cancer Patients	17MC003

PHARMACEUTICALS & BIOLOGICS, DIANOSTICS IMMUNOTHERAPIES

Haskell Adler PhD MBA CLP
Sr. Licensing Manager, Registered Patent Agent
haskell.adler@moffitt.org
(813) 745-6596

Jarett Rieger Esq. MBA
Sr. Director, Innovation Office
jarett.rieger@moffitt.org
(813) 745-6828