

ATTACHMENT 2

LIST OF KEYWORDS

Adenovirus
Adjuvant therapy
Aging and cancer
Androgen and/or receptors
Aneuploidy
Angiogenesis and/or vasculogenesis
Animal models
Anti-angiogenic therapy
Antibody/mAb therapy
Apoptosis
Aromatase and/or inhibitors
ATM pathway
ATR pathway
Autoimmunity/Autoantibodies
Autophagy
B cells
bcl2 family
Biochemistry
Bioinformatics
Biomarkers
Biomolecular modelling
Biophysics
Bladder tumor
Body mass index (BMI) and/or obesity
Bone disease
BRAF/RAF kinases
Brain and/or nervous system tumors
BRCA
Breast ca.
Burkitt lymphoma
Cachexia
Cadherins
Cancer evolution
Cancer stem cells
Carcinogenesis
Caspases
Caveolin
CD133/Stem cell markers
Cell adhesion and/or cell adhesion molecules
Cell cycle
Cell cycle checkpoint
Cell cycle checkpoint
Cell differentiation and/or differentiation therapy
Cell migration, motility and/or invasion
Cell polarity
Cell signaling
Cervix or endometrial ca.
Chemistry
Chemoimmunotherapy
Chemokines
Chemotherapy
Chromatin remodeling
Chronic Lymphocytic Leukemia (CLL)
Chronic Myeloid Leukemia (CML)
Circulating tumor cells
Clinical practice guidelines
Clinical trials
Colorectal and/or Intestinal ca.
Combination therapy
Computer Tomography (CT Scan)
Costimulatory molecules
COX2
Crosstalk
Cyclic AMP
Cyclins and/or inhibitors
Cytogenetics
Cytokines/Interleukins
Cytotoxic T Lymphocytes (CTL)
Dendritic cells
Diagnosis
Diet
DNA damage
DNA methylation
DNA recombination
DNA repair
DNA replication
Docking
Drug delivery
Drug discovery and/or development
Drug response and/or resistance
Drug toxicity
EGF and/or receptors
Endocytosis

Endoplasmic reticulum (ER)
Endothelial cells
Epidemiology
Epigenetics
Epithelial mesenchyme transition (EMT)
Epstein-Barr Virus (EBV)
Estrogens and/or receptors
Exosomes and/or endogenous microvesicles
Extracellular Matrix (ECM)/Stroma
Fas and/or FasL
Fatty acids
FGF and/or receptor
Flow cytometry
Fluorescence in situ hybridization (FISH)
Folate and/or receptor
Functional genomics
Functional validation of target genes
Fusion genes
Gastric ca.
Gene alteration/gain or loss
Gene expression and/or profile
Gene regulation
Gene therapy
Genetics
Genome wide screening/GWAS
Genomic imprinting
Genomic/Genetic instability
Genomics
Glioma and/or glioblastoma
Glucocorticoids and/or receptors
Glucose metabolism and/or Warburg effect
Glycoproteins and/or glycosylation
G-proteins and/or GPCR
Granulocytes
Growth factors and/or receptors
Growth induction and/or growth arrest
GVHD and/or Graft versus Tumor
Gynecological tumors
Head and neck ca.
Heat shock proteins (HSP)
Hematologic malignancies
Hematopoiesis
Hematopoietic stem cells
Hepatitis B virus (HBV)
Hepatitis C virus (HCV)
Hepatocellular carcinoma (HCC)
HER1-2-3-4
Hereditary tumors
High Mobility Group Proteins (HMG)
HLA/Major Histocompatibility Complex (MHC)
Hodgkin's lymphoma
Homologous recombination
Hormones
Human Papilloma Virus (HPV)
Hypoxia/Hypoxia-inducible Factors (HIF-1)
Immune escape
Immunization
Immunoconjugates
Immuno-editing
Immunohistochemistry
Immunosuppression and/or suppressor cells
Immunotherapy
In vitro imaging and/or live cell imaging
In vivo imaging
Infection
Inflammation and/or inflammatory cytokines
Inhibitor of apoptosis proteins (IAPs)
Innate immunity
Insulin
Insulin-like growth factor (IGF) and/or receptors
Integrins and/or Integrin-linked kinase (ILK)
Interferons
Ion channels
Jak/Stat pathway
Kidney ca.
Kinase/Kinome
Lentivirus
Leukaemia
Lipid metabolism
Lipidic mediators
Lipoxygenases
Liquid biopsy
Loss of heterozygosity (LOH)
Lung ca.
Lymphatics and/or lymphangiogenesis
Lymphocyte differentiation
Lymphomas
Macrophages and/or monocytes
Magnetic resonance imaging (MRI)
MAP Kinases
Mass spectrometry
Mathematical modeling
Matrix metalloproteases (MMP) and/or inhibitors
MDM2

Medulloblastoma	Palliative care
Melanoma	Pancreas ca.
Membrane biology	Pathology
Mesothelioma	Patient-derived xenografts (PDX)
MET/HGF	Patient risk stratification
Metabolism/Metabolomics	PDGF and/or receptors
Metallo-drugs	Pediatric tumors
Metastasis	Peptides
Microarrays	Peroxisome proliferator-activated receptor (PPAR)
Microbiome	PET
Microenvironment	Phage display
microRNA	Phagocytes and/or phagocytosis
Microscopy	Pharmacogenetics/Pharmacogenomics
Minimal Residual Disease (MRD)	Pharmacokinetics
Mitochondria	Pharmacology
Monoclonal antibodies (mAbs)	Phosphatases
Mouse models	Phospholipids
mRNA processing	Phosphorylation
mRNA translation	PI3K/Akt/PTEN/mTOR pathway
Multidrug resistance (MDR)	Polymorphisms/SNPs
Mutation (somatic and/or germline)	Post-translational modification
Myc	Precancerous lesions
Myeloma	Preclinical studies
Nanotechnology/Nanoparticles	Prevention and/or chemoprevention
Neuroblastoma	Prognosis
Neuroendocrine tumors	Prostaglandins
Next generation sequencing	Prostate ca.
NF- κ B family	Proteasome
Nitric oxide	Protein microarrays
NK and/or NKT cells	Proteomics
NMR spectroscopy	Radionuclide therapy
Non apoptotic cell death	Radiosensitivity and/or resistance
Non melanoma skin tumors	Radiotherapy
Notch pathway	Radiotoxicity
Nuclear medicine	RAS/RAS inhibitors
Nuclear receptor	Rb/Rb family
Nuclear structures	Response and/or resistance to therapy
Nucleophosmin (NPM)	RET
Oncogenes	Retinoblastoma
Oncogenic virus	Retinoic acid and/or receptors
Organic compounds	Retrospective studies
Osteopontin	Risk factors
Osteosarcoma	RNA binding proteins
Ovarian ca.	RNA splicing
Oxidative stress and/or Reactive Oxygen Species (ROS)	Sarcoma
p21 - activated kinases (PAK)	Screening
p53, p63, p73	Senescence

Side effects
Signal transduction inhibitors
siRNA and/or non coding RNA
Small molecule inhibitors
Smoking
Soft tissue tumors
Solid tumors
Spheroids/3D cultures
Src family
Staging
Statistics
Stem cells
Stress response
Surgery
Survival analysis
T cells/TCR
T helpers
Target therapy
Telomere and/or telomerase
Testis ca.
TGF and/or receptors
Thymoma
Thyroid ca.
Thyroid hormone
Tissue microarrays (TMA)
TNF and/or receptors
Tolerance
Toll-like receptors (TLR)
TRAIL
Transcription
Transcription factors
Transformation assays
Transgenic mice
Translocation
Transplantation
Treg cells
Triple negative breast ca.
Tumor-associated antigen
Tumor-infiltrating Lymphocytes (TIL)
Tumor suppressor genes
Tumor-stroma interaction
Tyrosine kinase receptors (TKR)
Ubiquitin and/or ubiquitination
Ultrasound
Vaccine
VEGF and/or receptor
Virology
Von Hippel-Lindau (VHL)
Wilms' Tumor Gene (WT1)
Wnt/beta-catenin pathway
Yeast