TRANSLATIONAL ONCOLOGY

DESCRIPTION

Translational Oncology publishes the results of novel research investigations which bridge the laboratory and clinical settings including risk assessment, cellular and molecular characterization, prevention, detection, diagnosis and treatment of human cancers with the overall goal of improving the clinical care of oncology patients. Translational Oncology will publish laboratory studies of novel therapeutic interventions as well as clinical trials which evaluate new treatment paradigms for cancer. Peer reviewed manuscript types include Original Reports, Reviews and Editorials.

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Immune checkpoint proteins, Immunotherapy, Protein tyrosine phosphatase, ,

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Breast Cancer, Lung Cancer, Rare Tumors, biomarkers and molecular mechanisms of resistance of targeted therapies

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Myeloid malignancies, leukaemia stem cells, clinical trials, acute leukaemia

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Spatial regulation of RAS-ERK signals in cancer

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Leukemia, Mouse Models of Cancer, Long-Range Transcriptional Regulation, Cancer Metabolism

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Hypoxia, Hypoxia-inducible factors, Redox biology, reactive oxygen species, Liver, Hepatocytes, Cancer metabolism, Antioxidants, Kinase signalling, proteasome, proteasome inhibitors, ubiquitin ligases, protein degradation

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Drug development, Drug screening, pancreatic cancer, sarcoma, AML, epigenetics

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Gastrointestinal Oncology, Cancer Genomics, Bioinformatics, precision oncology and clinical trials

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Nanomedicine; Biomaterials; Advanced delivery systems; Translational medicine; Tissue engineering

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Cancer Biology and Epigenetics

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Cancer Biology, Metabolism, Genomics, Novel Target Discovery

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Cancer biology, signal transduction, Assay development, molecular imaging, molecular biology, biochemistry

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microRNA, lung cancer and extracellular vesicles

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Drug resistance, Drug tolerance, Liquid Biopsies, ctDNA, Lung cancer, Head and Neck Cancer

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Cancer Genomics, Molecular Pathology, Prostate Cancer, Molecular Cytogenetics, Tumor heterogeneity

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Immuno-Oncology, Tumor immunosuppressive microenvironment, Cancer therapeutics, Exosomes and Cancer prevention and drug development

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Cancer immunology, STING dna repair

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Small cell lung cancer, thyroid cancer, neuroendocrine tumors, tumor heterogeneity, signaling pathways, tyrosine kinase inhibitors, cell adhesion, cell surface molecules, [connections between cancer cells and neurons have been discovered recently: neurotransmitter release, neurons]

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Radiation therapy technology; Cancer imaging, mainly nuclear medicine, PET, radiopharmaceuticals; Cancer nanotechnology; In vitro microfluidics assays; Mathematical oncology

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Cancer Signal Transduction, Kinases, Phosphatases, Tumor Suppressors, MAP kinase pathways, PTEN

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Breast cancer; Chemokine receptors CXCR4, CXCR2 and CCR7; Metastasis; Chemoresistance; LASP1; Breast cancer stemness and stem-like cells; Cancer Cell Motility; eIF4A

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Acute Leukemias, Drug Resistance, Leukemia Stem Cells, Industry

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Tumor Immunology, Metabolism, Immunotherapy

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Cancer diagnostics, Cancer Genomics, Cancer Therapy, Clinical trials, Epigenetics, Liquid Biopsy, Circulating Tumor Cells (CTCs), Cell free nucleic acids, Exosomes, DNA methylation, Next Generation Sequencing (NGS), Translational cancer research, Bio-analytical chemistry, Early detection technology for cancer, Health Care and surveillance for Liver, Lung, Breast and Colorectal cancer, Nanobiotechnology for molecular detection

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Tumor immunology, EMT and metastasis
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Author contributions
For transparency, we encourage authors to submit an author statement file outlining their individual contributions to the paper using the relevant CRediT roles: Conceptualization; Data curation; Formal analysis; Funding acquisition; Investigation; Methodology; Project administration; Resources; Software; Supervision; Validation; Visualization; Roles/Writing - original draft; Writing - review & editing. Authorship statements should be formatted with the names of authors first and CRediT role(s) following. More details and an example
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