

**TOTAL 2024****7 545 000 kr**

DIARIE-NR	SÖKANDES NAMN	PROJEKT
FB24-01	BJURSTEN Sara	Targeting ICOS on T cells to reverse checkpoint inhibitor-induced toxicity in cancer patients
FB24-02	WENGER Anna	Mutational burden and processes in paediatric cancer
FB24-03	ALI Kevin	Exploring BACH 1 as a target for blocking metastasis
FB24-05	WOJEWODA Karolina	Epidemiology, diagnostic outcomes, and treatment of cutaneous lymphoma
FB24-06	REZAEI Shiva	Study of "Epitranscriptomics" in pediatric brain cancer
FB24-07	MURALIDHARAN Somsundar V.	Therapeutic implications of inhibition of extracellular vesicles & role of BAP1 in uveal melanoma liver metastasis & in resistance to immune therapy
FB24-08	EKSTRÖM Karin	Extracellular vesicles in breast cancer - novel biomarkers for improvement of patient outcomes?
FB24-09	FEHR André	Genomic profiling of pleomorphic adenoma and carcinoma-ex-pleomorphic-adenoma of the salivary glands
FB24-10	RYDEN Isabelle	Långtidsuppföljning av långsamtväxande hjärntumörer
FB24-11	FERREYRA VEGA Sandra	Deciphering the epigenetic and proteomic interplay in adult brain tumors
FB24-12	KARLSSON Ida	High-throughput Drug Screening for Cancer Stem cells of Pediatric High-Grade Gliomas
FB24-13	MICALLEF Peter	Innovative RNA Fragmentomics for Non-Invasive Monitoring of sarcomas
FB24-14	EBERHARD Anna-Caterina	The roll of the molecular chaperone CCT in cancer cell biology
FB24-15	ÖSTERLUND Tobias	Identification of patient-specific variants in sarcomas using Next generation sequencing
FB24-16	CANFJORDEN Vilma	The impact of deregulated SWI/SNF subunits in cancer
FB24-17	LINDÉN Malin	Impact of FET oncoproteins on SWI/SNF chromatin remodeling complexes in sarcoma - Identifying therapeutic targets
FB24-19	LINDHOLM Heléne	Metabolomic and immunologic profiling in Pancreatic cancer cell lines, basal levels and after digitoxin treatment
FB24-20	GUSTAFSSON Anna	Profiling cellular heterogeneity in FET sarcomas using spatial transcriptomics
FB24-21	LUNA M. Manuel	Ultrasensitiv monitoring of RNA modifications in cancer
FB24-22	ANDERSSON Lisa	Targeting FET fusion oncogene driven regulation in sarcomas
FB24-23	JALNEFJORD Oscar	Noninvasive characterization of microvasculature in tumors
FB24-24	XIE Yike	Profiling Physiological heterogeneity of proximal tubular epithelial cells in kidney cancer
FB24-25	PUJOL CALDERON Fani	Evaluation of treatment response in paediatric leukemia using patient specific circulating tumour DNA analysis
FB24-26	RASSOL Nishte	Increasing Radiotherapy-induced ER stress and apoptosis in MTC using proteasome inhibition
FB24-27	JONASSON Emma	Tumour heterogeneity and common mechanisms in FET sarcomas
FB24-28	ESCOBAR Mandy	Monitoring disease and treatment efficacy in sarcoma using liquid biopsy analysis
FB24-30	DANKIS Martin	Identification of therapeutic targets for treatment of lung cancer associated brain metastasis

FB24-31	ANDERSSON Daniel	Ultrasensitive molecular analysis of plasma from FET sarcoma patients
FB24-32	RANJI Parmida	Targeting FUS::DDIT3 using antisense oligonucleotides (ASOs) in myxoid liposarcoma scaffold
FB24-33	ROHLIN Anna	Identification of genetic biomarkers in lung cancer tumors to predict resistance or response to immune therapy
FB24-34	SALERNO Simona	Modeling colorectal cancer with patient-derived scaffolds and organoids
FB24-35	RANGELOVA Tsvetanka	Expression of GUT-homing receptors on MAIT cells derived from colorectal cancer patients
FB24-36	RODIN William	Deciphering the immune landscape of peritoneal metastases
FB24-37	RUIZ MARTINEZ Santiago	PATIENT-DERIVED SCAFFOLD CULTURES INCLUDING CANCER-ASSOCIATED FIBROBLASTS – AN IN VIVO MIMICKING MODEL SYSTEM FOR DRUG DISCOVERY
FB24-38	SCHUMACHER Sara	CONSTRUCTION OF A DIAGNOSTIC TOOL FOR EARLY-STAGE ENDOMETRIAL CARCINOMA AND PREMALIGNANT LESIONS OF THE ENDOMETRIUM
FB24-39	ÄNG EKLUND Ella	Clinical impact of KRAS mutation and associated co-mutations in stage III non-small cell lung cancer
FB24-40	GARRE Elena	Developing in vivo like model to identify and target cancer - tumor-associated macrophages interactions in patient-specific manner
FB24-41	HOLMQVIST Isak	Molecular insights into the initiation of Epstein-Barr virus DNA replication in cancer cells
FB24-43	KEANE Simon	Precision medicine screening of solid and haematological cancers
FB24-44	MALCHAU L. Jacob	Gynaecological cancers - How and when can we detect them? Phase II: Emphasis on sampling procedures, storage and handling of gynaecological liquid biopsies
FB24-45	PATEL Angana	Role in aging in lung cancer progression and metastasis
FB24-46	NOWAK Iwona	Engaging nuclear RNA interference for targeting cancer cell growth
FB24-47	VAID P. C. J. Roshan	Targeting RNA epitranscriptome as a therapeutic strategy for high-risk neuroblastoma
FB24-48	IBRAHIM Raghda	Personalized ctDNA analysis as a marker for treatment response and relapse of disease in childhood Hodgkin lymphoma (HL)
FB24-49	CUMMING Joshua	Unlocking the Predictive Potential of Pre-Operative Biopsies to Tailor Neoadjuvant Therapy in Rectal Cancer
FB24-50	VILHAV Caroline	Immune profiling in long-term survivors of pancreatic cancer
FB24-51	TUNALI Gürçan	Mechanistic investigation of Lin28a/let-7 pathway in paediatric T(7;12) (q36;p13) AML
FB24-53	MALMHÄLL-BAH Eric	Molecular mechanisms in the development of acute myeloid leukemia - Use 3D organoid bone marrow model to predict treatment response
FB24-54	OLSSON Maxim	Molecular characterisation of cancer stem cells in triple-negative breast cancer
FB24-56	STAHLSCHEMIDT Sören R.	Explainable and Robust Artificial Intelligence for Breast Cancer Patients' Overall and Recurrence Free Survival Prediction
FB24-57	VANNAS Christoffer	Blodprovbaserad sjukdomsmonitorering av patienter med skelett- och mjukdelssarkom
FB24-58	SCHWARZ Maria	Investigating the role of trace elements in lung cancer
FB24-59	TÖRNELL Andreas	Determining novel immunomodulatory effects of ibrutinib in chronic lymphocytic leukemia
FB24-60	NILSSON Malin	Immunomodulatory aspects of pancreatic cancer surgery
FB24-61	WERNER R. Elisabeth	Identifying och validering av nya potentiella biomarkörer för bröst - och ovarialcancer
FB24-62	OLSSON W. Amanda	Endometriosis induced ovarian cancer, how, why, and who? A study on precancerous events, prediction and assay development for early detection
FB24-63	RAJ Dorota	Defining the role lactate metabolism on lung tumor and progression and metastasis

FB24-64	ALKAN K. Aylin	Tumor and metastasis associated M2 macrophages as a novel predictive biomarker in colorectal cancer
FB24-65	AL-DURY Samer	Determining the sensitivity and specificity of a novel c1DNA assay for microscopic residual disease after endoscopic or surgical resection of Stage 1 CRC
FB24-66	KWAN Shun-Yuen	Nanopore sequencing applications in liquid biopsy for brain tumour detection and classification
FB24-67	PRAJAPATI Bharat	Genomic Alteration of CACNA2D3 Impairs Sympathoadrenal Differentiation and Promotes Metastasis via TNF AIP6 Activation
FB24-68	HOLDFELDT André	The impact of the tumor microenvironment on the treatment of colorectal cancer
FB24-69	JOHNSSON Olivia	Role of NOX2-derived ROS in the interplay between tumor cells and myeloid cells in triple-negative breast cancer
FB24-70	PHILIPSON Eva	P62 S Roll vid malignifiering av premaligna lesioner till pankreascancer
FB24-71	LARSSON Charlotta	WASA - Walking and sitting difficulties after APE
FB24-72	JOHANSSON A. Sofie	UTVARDERING AV BEHANDLINGSRESPONS MED DJUPSEKVENSERING AV FLT3-ITD HOS BARN MED AKUT MYELOISK LEUKEMI
FB24-73	WALDENSTRÖM Jesper	Clonal Hematopoiesis associated with hematologic malignancy in patients with common variable immunodeficiency related lymphoproliferation
FB24-74	WERNER Lucas	Establishing novel biomarkers for ovarian cancer using proteomics
FB24-76	NANFIZAT A. Alamukii	Characterization of Cytokines and Microbiota in the Tumour Microenvironment of Breast Cancer Patients: A Pathway to Targeted Therapeutic Strategies
FB24-77	HUANG Junchi	Development of new MYB-directed combination treatment for adenoid cystic carcinoma
FB24-79	TIAN Yarong	Role of long non-coding RNA RPMS1 in Epstein-Barr virus malignancies
FB24-80	KAYA Mustafa	Myeloid derived ROS induces metastasis ny NRF2 activation
FB24-81	DZANAN Jozefina	Define the roll of p53 status on keap1 mutant lung cancer sensitivity to glutaminase inhibition
FB24-82	HAGBERG THULIN Malin	Hormonal regulation of sclerotic bone metastases in prostate cancer
FB24-83	BERNSEN Elin	NK cell regulation in ovarian cancer - a potential immunotherapeutic target?
FB24-84	JÄWERT Fredrik	Genomic alterations in oral cancer and oral precancers
FB24-85	WÖHR Anne	Serine protease-mediated regulation of inflammation
FB24-86	THOMBARE Ketan S.	Targeting m6A-mediated TERRA RNA condensates as a therapeutic strategy for ALT-positive neuroblastoma
FB24-87	DESCARPENTRIE Jean	Exploring the impact of chronic salmonella infection on pancreatic ductal adenocarcinoma (PDAC) development
FB24-88	MAHALE Sagar	Investigating the role of a novel protein encoded by the antisense RNA MCAT3 in cancer cell proliferation and its potential as a therapeutic target for cancer treatment
FB24-89	SORIA Wendy	Development of efficient molecular radionuclide therapy of non-functional pituitary tumors
FB24-90	LARSSON Peter	Functional studies and targeted therapy of the MYB oncogene in acute lymphoblastic leukemia
FB24-91	MYSZOR Iwona T.	Microbial metabolites as novel regulators of colonic stem cell proliferation in colorectal cancer
FB24-92	ITTNER Ella	Prognostic and predictive significance of the LMTK3 biomarker in ovarian cancer
FB24-93	HANSSON Karl	Defining the role of mucus defensive dysfunction in colorectal cancer
FB24-94	RUGWIZANGOGA Belson	Aspects of infection and development of lymphoma in Rwanda
FB24-95	SWENSON Hugo	Characterization of novel prognostic and predictive biomarkers in ovarian cancer

FB24-96	ROSENQVIST Louise	Quantification of sodium concentration in brain using <sup>23</sup> Na MRI
FB24-97	HEMMINGSSON Jens	Biodistribution och kvantifiering av <sup>177</sup> Lu-DOT ATOC i blodet vid behandling av neuroendokrina tumörer: korrelation med benmetsbestralning
FB24-98	KRISTENSON Linnea	A CRISP approach to identify structures involved in NK cell targeting of leukemic cells
FB24-99	LUNDHOLM Lukas	Tumor characterization and early response assessment of tumor therapy with advanced diffusion MRI
FB24-102	BADAMI Chiara	Characterizing the role of ubiquitination system in NK cell targeting of malignant cells and the regulation of trail-receptors expression
FB24-103	SCHROFF Anja	Late epigenetic effects in vivo after low to medium dose exposure to <sup>131</sup> I
FB24-104	HARDY Amy	Systemic/non-target radiobiological effects after low-medium dose exposure of thyroid
FB24-105	PETERSSON Kerstin M.	Strålinducerad dysfagi hos patient med huvud-halscancer - identifiering av riskstrukturer och behandling av sväljningssvårigheter
FB24-106	SANCHARI Paul	TARGETING MURINE METASTATIC MELANOMA USING ADJUVANTED ENDOGENOUS CANCER ANTIGEN BASED VACCINE
FB24-107	SCHOULTZ Elin	A new mouse model of sporadic thyroid cancer suitable for in vivo evaluation of targeted drug treatment
FB24-109	SOBOLI Anastasia	Prognostisk betydelse av basofiler och mastceller hos barn under behandling för akut myeloid leukemi med translokation (8;21)
FB24-110	OLSSON (FOLKESSON) Evelina	Optimization of a patient-derived organoid model for further use in clinical decision support
FB24-111	KARLSSON Veronika	Cytotoxic lymphocytes in oral cancer
FB24-112	KOMIC Hana	IDENTIFICATION OF THE GENETIC REGULATORS OF CLONAL HEMATOPOIESIS
FB24-113	LINDER Anna	Early cancer detection - Characterisation of a premalignant lesion
FB24-114	KUMARI Sima	Braf <sup>v600E</sup> -induced cancer inflammation in a mouse model of thyroid tumorigenesis
FB24-115	JOHANSSON Julia	Exploiting apoptotic vulnerabilities to enhance breast cancer radiotherapy and anti-cancer immune responses
FB24-116	LARSSON Emelie	Early detection of pancreatic cancer
FB24-117	TAMIRU K. Firaol	Ultrasensitive immune repertoire sequencing in blood of sarcoma patients for monitoring of treatment efficacy
FB24-118	ORRSJÖ Gustav	Monitoring for early detection of relapse in acute myeloid leukemia (MEDAL)
FB24-119	ZHANG Jingjing	MST3-MEDIATED SIGNALING IN HEPATOCELLULAR CARCINOMA: MECHANISMS AND NEW THERAPEUTIC STRATEGIES
FB24-121	REINWALDS Maria	LONG-TERM QUALITY OF LIFE IN PATIENTS WITH COLON CANCER 36 MONTHS FOLLOWING DIAGNOSIS
FB24-122	ARACELI D. C. Maria	EXPRESSION OF VITAMIN D RECEPTORS, VDR, AND PDIA3 IN NORMAL TO METASTATIC PROSTATE
FB24-123	DELAND Lily	Detecting oncogenic fusion genes in childhood brain tumors and implementing new methods in clinical routine for precision medicine
FB24-125	ISSDISAI Nuttida	Histamine induces myeloid cell production of the anti-metastatic protein thrombospondin-1
FB24-126	MATEOIU Claudia C.	Genomic Profiling Analysis in Endometriosis: Insights into Ovarian Neoplasia
FB24-127	KAIDI Donia	Tidig koloncancer- Molekylärdiagnostiskt test för säkrare staging
FB24-128	GHOSHEH Nidal	Deep learning for the early detection of hepatocellular carcinoma in improved liver organoids-based disease modelling
FB24-129	ISLAMAGIC Erna	Biophysical interactions between NKp46 and its potential ligand on neuroblastoma cells
FB24-130	LYCKE Maria	Molecular biomarkers associated with lymph node metastases and recurrent low-risk endometrioid endometrial cancer
FB24-131	GHRAGHANI Shaghayegh	DEVELOPMENT OF AN ASSAY TO PREDICT PATIENT SENSITIVITY TO RADIATION IN WHITE BLOOD CELLS
FB24-132	ESBO Klara	Radiobiological effects on hormone regulation after <sup>131</sup> I exposure in vivo
FB24-134	HUANG Chi-Wen Ainsley	The Formation of Lipid Rafts as a Means to Activate T Cells – A Novel Tool to Enhance Immunotherapy Efficiency