

Project number	Project title	PI	Date of approval
PMCLAB2018.000	The Máxima Genome Program	Prof.dr. Holstege/ Dr. Tops / Dr. Kemmeren	16-apr-2018
PMCLAB2018.001	Dexa-dagen 2 studie (SKION OC 2017-Q22)	Prof.dr. van den Heuvel-Eibrink	14-nov-2017
PMCLAB2018.002	MTX-FO studie (SKION OC 2018-Q06)	Prof.dr. van den Heuvel-Eibrink	13-mrt-2018
PMCLAB2018.004	Development of in vitro and in vivo research models for pediatric brain tumors	Dr. Hullemans	2-jul-2018
PMCLAB2018.005	Generation of organoid models from patient-derived renal and rhabdoid tumors for the development of novel therapies	Dr. Drost	19-jul-2018
PMCLAB2018.006	Generation of organoid models from patient-derived renal tumors for the development of novel therapies	Dr. Drost	19-jul-2018
PMCLAB2018.007	Tracking the clonal origin of childhood acute myeloid leukemia	Dr. van Bostel	19-jul-2018
PMCLAB2018.008	Identification of translocation-specific gene expression, alternative splicing and non-coding RNA signatures in high-risk pediatric leukemias	Dr. Stam	19-jul-2018
PMCLAB2018.009	Pediatric sarcoma tumourid and single cell RNAseq analyses	Prof.dr. Holstege/Dr. van de Wetering/ Dr. Janda	19-jul-2018
PMCLAB2018.010	Identification of novel drugs and drug targets for the treatment of patients harboring NUP98 gene rearrangements, a poor prognostic patient group in pediatric acute myeloid leukemia.	Dr. Stam	19-jul-2018
PMCLAB2018.011	WES-KiDTs (Whole Exome Sequencing in children with Kidney Tumors)	Prof.dr. van den Heuvel-Eibrink	19-jul-2018
PMCLAB2018.013	Multi-platform analysis of TSC Subependymal Giant Cell Astrocytoma (SEGA) to identify novel therapeutic approaches	Dr. Aronica	19-jul-2018
PMCLAB2018.014	Clinical aspects of neural crest development and anti-GD2 biomarker study for visualization and prognostification in neuroblastoma patients.	Dr. van Noesel	19-jul-2018
PMCLAB2018.015	Liquid biopsy based tumor detection for rhabdomyosarcoma to improve risk stratification at diagnosis and to improve response evaluation upon treatment	Dr. Tytgat	19-jul-2018
PMCLAB2018.016	Detection of cooperative and mutually exclusive genetic alterations in pediatric cancer	Dr. Kemmeren	19-jul-2018
PMCLAB2018.017	SV detection/improving detection of structural variation in pediatric cancer	Dr. Kemmeren	4-okt-2018
PMCLAB2018.018	FLOW-SOM analysis of AML flow cytometric data	Dr. Phillips/Dr. de Haas	4-okt-2018
PMCLAB2018.019	A comparison of new genomic technologies for detecting small structural variants	Prof. dr. Holstege	28-jan-2019
PMCLAB2018.020	Cancer Immunotherapy (CTI) Cohort	Dr. Diersehluis	28-jan-2019
PMCLAB2018.021	The role of connective tissue growth factor (CTGF) as biomarker for Pediatric bone marrow failure.	Dr. Leguijt	6-dec-2018
PMCLAB2018.022	Somatic mutational footprints in tumors caused by DNA repair syndromes and congenital immunodeficiency syndromes	Dr. Kuiper	6-dec-2018
PMCLAB2019.024	Development of a cord blood stem cell-derived anti-AML dendritic cell vaccine: Towards powerful "anti-AML immunity" after cord blood transplantation	Dr. Plantinga/Dr. Nierkens	31-jan-2019
PMCLAB2019.025	Breaking steroid resistance for T-ALL: phospho-proteomics and inhibitor testing	Dr. Meijerink	18-jul-2019
PMCLAB2019.026	Mutational effects of chemotherapy on normal cells of childhood cancer survivors	Dr. van Bostel	31-jan-2019
PMCLAB2019.027	Tracing the causes and consequences of DNA damage in single hematopoietic stem cells of human Fanconi anemia patients	Dr. Belderbos	31-jan-2019
PMCLAB2019.028	Unraveling pediatric AML without a known driver	Dr. Noort	31-jan-2019
PMCLAB2019.029	Mechanisms of HOX-mediated Leukemogenesis in AML	Dr. Adriaanse	4-feb-2019
PMCLAB2019.030	Molecular characterization of pediatric germ cell tumors: towards clinical application	Dr. Looijenga	9-mei-2019
PMCLAB2019.031	Population dynamics of blood in Down syndrome-associated leukemia patients	Dr. van Bostel	28-feb-2019
PMCLAB2019.032	Precursor B-cell acute lymphoblastic leukaemia with Ig-MYC translocation	Prof. Dr.Vormoor	21-feb-2019
PMCLAB2019.033	Clonal heterogeneity and therapy resistance in Burkitt lymphoma	Dr. Loeffen/ Dr. Belshuizen	21-feb-2019
PMCLAB2019.034	Mapping Clonal evolution by Next-generation sequencing in multi-relapsed Acute Lymphoblastic B-cell precursor leukemia (CLONALB)	Dr. Westera/Dr. de Haas	28-feb-2019
PMCLAB2019.035	Single cell analysis of pediatric medulloblastomas	Prof. dr. Stunnenberg	28-feb-2019
PMCLAB2019.036	Arterial and venous thrombosis in children, teenagers and young adults treated for acute lymphoblastic leukemia/lymphoma: a joint Ponte di Legno Toxicity Working Group/ IBFM study	Dr. van der Sluis	28-feb-2019
PMCLAB2019.037	A living neuroblastoma biobank with full molecular characterization	Dr. Molenaar	14-mrt-2019
PMCLAB2019.038	The clinical and molecular genetic spectrum of immature T- and B-cell malignancies	Dr. Kroeze	14-mrt-2019
PMCLAB2019.039	Bachelor thesis on effectivity of the ALL-10 treatment protocol: Research question: What is the influence of genetic abnormalities on different parameters, e.g. MRD and prednisone response in patients with T-cell acute lymphoblastic leukemia, treated by the ALL-10-protocol?	Dr. van den Berg	11-apr-2019
PMCLAB2019.040	Drug resistance profiling of children with ALL	Prof. dr. den Boer	11-apr-2019
PMCLAB2019.041	Digital image analysis by deep learning of Wilms tumors	Dr. de Kriger	11-apr-2019
PMCLAB2019.042	Use of quality indicators in neuroblastoma treatment: a feasibility assessment	Dr. Dijkstra	25-apr-2019
PMCLAB2019.043	IL-18 as diagnostic biomarker, differentiating systemic juvenile idiopathic arthritis from malignancies	Dr. Leek	5-dec-2019
PMCLAB2019.044	Opzetten TMA stainings	Dr. Stip	9-mei-2019
PMCLAB2019.045	Intensive care prevalence, morbidity, and survival in children with Wilms tumor in the Netherlands	Dr. Steur	25-apr-2019
PMCLAB2019.046	Incidence, clinical presentation and clinical outcome of invasive fungal diseases in childhood acute lymphoblastic leukemia (IFD ALL-11)	Dr. Bury	9-mei-2019
PMCLAB2019.047	The role for somatic evolution of mesenchymal stromal cells in the development of pediatric acute myeloid leukemia	Dr. van Bostel	9-mei-2019
PMCLAB2019.048	Immunophenotype ETP-ALL	Dr. Cante - Barrett	9-mei-2019
PMCLAB2019.049	Onderzoek overleving van kinderen met een recidief ALL na stamceltransplantatie	Dr. Prinsze	9-mei-2019
PMCLAB2019.050	Surgery for Children with Cancer: Experience in a National Pediatric Oncology Center	Dr. Tien Lee	20-jun-2019
PMCLAB2019.051	Impact of cytogenetic aberrations on normal hematopoietic stem cells in acute myeloid leukemia.	Dr. Belderbos	23-mei-2019
PMCLAB2019.052	Prognosis of AML with "NUP98-other" translocations	Dr. Goemans	6-jun-2019
PMCLAB2019.053	Comparison of FFPE-derived DNA and cell-free DNA from plasma in patients with pediatric rhabdomyosarcoma	Dr. Lak	6-jun-2019
PMCLAB2019.054	Mechanisms of hypermutation in relapsed acute lymphoblastic leukemia in children and implications for treatment	Dr. Kuiper	18-jul-2019
PMCLAB2019.055	Bulk and scRNA-seq of paediatric AML samples	Dr. Heidenreich	23-sep-2019
PMCLAB2019.056	Congenital cutaneous AML	Dr. Goemans	18-jul-2019
PMCLAB2019.057	Ponte di Legno International Collaborative Leukemia Project Retrospective Investigation of NUT Midline Carcinoma Family Member 1 (NUTM1) rearrangements in Infants and Children with ALL	Dr. Boer	18-jul-2019
PMCLAB2019.058	The Role of mRNA splicing in Leukemic Stem and Progenitor Cells in Pediatric Acute Myeloid Leukemia	Dr. van der Werf	30-aug-2019
PMCLAB2019.061	Prevalence and Determinants of Tinnitus and Hearing Aid Use among 2,948 Dutch Survivors of Childhood Cancer: a DCOG Late-Effects Study	Dr. Meijer	15-aug-2019
PMCLAB2019.062	Identifying a second hit in the fumarate hydratase (FH) gene	Dr. Hol	15-aug-2019
PMCLAB2019.063	Single cell analysis of pediatric pheochromocytoma	Dr. Brazda	15-aug-2019
PMCLAB2019.065	Assessment of clinical outcome, Epidemiology and Risk factors of renal Toxicity (ALERT studie)	Dr. Raymakers-Janssen	29-aug-2019
PMCLAB2019.066	Identifying molecular markers in peripheral blood of patients with pediatric renal tumors	Dr. Tytgat	12-sep-2019
PMCLAB2019.067	The metastatic bone marrow niche in Neuroblastoma	Dr. Tytgat	12-sep-2019
PMCLAB2019.068	A retrospective analysis of severely delayed methotrexate clearance in children with Acute Lymphoblastic Leukemia(ALL)	Dr. Oosterom	26-sep-2019
PMCLAB2019.069	Osteonecrosis in children and adolescents with Philadelphia chromosome positive acute lymphoblastic leukemia(PhI+ALL) treated with tyrosine kinase inhibitors (TKIs) in the EsPhALL protocols: incidence, risk factors, management and outcome. Contribution to a retrospective multicenter study, within the EsPhALL trials	Prof.dr. van den Heuvel-Eibrink	26-sep-2019
PMCLAB2019.070	Autologe stamceltransplantatie bij pediatrisch oncologische patienten; "Poor Mobilisers", Plerixafor en (PEG)ligrastim	Dr. Kraal	26-sep-2019
PMCLAB2019.071	Visual impairment in children with a brain tumor detected via unstructured ophthalmology screening : a retrospective cohort study	Dr. Schouten	10-okt-2019
PMCLAB2019.073	Analysis of CD37 expression in pediatric mature B-cell lymphomas and correlation with clinical presentation and outcome	Dr.Meyer-Wentrup	7-nov-2019
PMCLAB2019.074	The bone marrow niche revisited: secretome profiling of pediatric ALL and AML	Prof. dr. den Boer	7-nov-2019
PMCLAB2019.076	Physical performance in children with (supra)sellar tumors and hypothalamic dysfunction	Dr. Rehorst-Kleinlugtenbelt	21-nov-2019
PMCLAB2019.077	Generation of Hodgkin's lymphoma organoids for functional studies	Dr. Meyer-Wentrup	21-nov-2019
PMCLAB2019.079	CARs for CNS-Leukemia Relapse: A retrospective international study proposal	Dr. Vormoor-Burger	5-dec-2019
PMCLAB2019.080	Characteristics of the neuro-vascular unit of the pons in patients suffering from diffuse intrinsic pontine glioma and healthy children	Dr. El-Khouly	5-dec-2019
PMCLAB2019.081	Identifying Minimal Residual Disease targets by FUDGE, a rapid Nanopore-sequencing based fusion-gene detection assay	Dr. Westera	5-dec-2019
PMCLAB2019.082	Benign and malignant skin disorders in CCS: the LATER SKIN cohort study	Prof. dr. Kremer	5-dec-2019
PMCLAB2019.084	Limbic system damage and neuropsychological outcomes in pediatric posterior fossa tumors	Dr. Partanen	5-dec-2019
PMCLAB2019.085	Screening of neuropsychological impairments in pediatric brain tumor	Dr. Partanen	5-dec-2019
PMCLAB2019.086	Detecting fibronectin splice-variants in osteosarcoma tumors	Dr. Janda	19-dec-2019
PMCLAB2020.088	Morphology of Burkitt lymphoma	Dr. Vermeulen	16-jan-2020
PMCLAB2020.089	The contribution of surgical clips for optimizing image-guided radiotherapy in pediatric renal tumors: the Utrecht experience	Prof.dr. van den Heuvel-Eibrink / Dr. Mul	16-jan-2020
PMCLAB2020.090	In-vitro models for rare pediatric cancers	Prof.dr. Clevers / Dr.van de Wetering	30-jan-2020
PMCLAB2020.092	The mutational spectrum of immature T-cell malignancies	Dr. Meijerink / Dr. Kroeze	30-jan-2020
PMCLAB2020.094	Investigating the mutational spectrum of pediatric non-rhabdomyosarcoma soft tissue sarcomas (NRSTS)	Prof.dr. Holstege /Dr. Meister	30-jan-2020
PMCLAB2020.095	Risk factors and prognosis of disseminated pediatric low grade glioma	Prof.dr. Hoving /Dr. van den Bergen	30-jan-2020
PMCLAB2020.096	The feasibility to make a Neuroblastoma xenograft bearing mouse with intact immune system	Dr. Tytgat	30-jan-2020
PMCLAB2020.097	Immunomonitoring: investigation of efficacy of GM-CSF and G-CSF to activate neutrophils	Dr. Tytgat	30-jan-2020
PMCLAB2020.098	Radiotherapy-related meningioma, cerebrovascular events, and cataract in childhood cancer survivors: A Dutch LATER cohort Study project	Prof. dr. Kremer	30-jan-2020
PMCLAB2020.099	Health problems after 3D-planned pediatric radiotherapy: A nation-wide cohort study	Prof. dr. Kremer	30-jan-2020
PMCLAB2020.100	RNAseq data from neuroblastoma. (Neuroblastoma cell of origin)	Prof.dr. Clevers / Dr.van de Wetering	13-feb-2020
PMCLAB2020.101	Cataloguing and characterizing chemotoxicities of B-ALL treatment in Down syndrome children	Dr. van Bostel/ Dr. Hasaart	13-feb-2020
PMCLAB2020.102	An International Study on Pediatric PICALM-MLLT10 + Leukemias	Dr. Goemans	13-feb-2020
PMCLAB2020.103	Risk factors and consequences of thyroid dysfunction after treatment for childhood cancer : filling the gaps in evidence needed for new international recommendations. The Dutch LATER cohort thyroid dysfunction study (LATER THYR)	Prof.dr.Kremer/Dr. van Santen	13-feb-2020
PMCLAB2020.104	The incidence of influenza infections and risk factors for severe disease in children with cancer	Prof.dr. Tissing	13-feb-2020
PMCLAB2020.105	Validation of the molecular profiling pipeline at the Princess Máxima Center within the Princess Máxima Center precision medicine program iTHER	Dr. Molenaar	23-mrt-2020
PMCLAB2020.106	Identification of genomic signatures predictive of AML outcome in paediatric patients	Prof.dr. Zwaan	27-feb-2020
PMCLAB2020.107	Towards understanding pediatric liver tumors	Dr. Peng	27-feb-2020
PMCLAB2020.108	The validation of the SARC-F child: a screenings tool in pediatric oncology	Prof.dr. van den Heuvel-Eibrink	27-feb-2020
PMCLAB2020.112	Mutational dynamics between primary and relapse tumors of patients within the Princess Máxima Center precision medicine program iTHER	Dr. Molenaar	3-apr-2020
PMCLAB2020.113	Creation of a Tissue Micro-Array of primary Neuroblastoma samples	Dr. Molenaar	27-feb-2020
PMCLAB2020.114	Identifying the causal mechanism behind (no-known-driver) pediatric acute myeloid leukemia	Dr. van Bostel	12-mrt-2020
PMCLAB2020.116	Fusion gene detection using nanopore sequencing	Dr.Tops/ Dr. Monroe	12-mrt-2020
PMCLAB2020.118	FFPE-derived DNA for target identification in cell-free DNA in patients with neuroblastoma	Dr. Tytgat	12-mrt-2020
PMCLAB2020.119	A nationwide descriptive study of genetic predisposition in children with cancer: evaluation of diagnostic processes and consequences for clinical management	Dr. Kuiper/Dr. Jongmans	26-mrt-2020
PMCLAB2020.120	Presence of scRNA sequencing markers in neuroblastoma patients	Prof.dr. Clevers / Dr.van de Wetering	26-mrt-2020
PMCLAB2020.121	Benefits and limitations of implementation of a clinical decision support system (CDSS) to optimize drug dosing in paediatric oncology patients with impaired renal function (SIGNPOST)	Dr. Mulwijk	26-mrt-2020
PMCLAB2020.122	Cerebrospinal fluid leakage after intradural surgery in the pediatric population – A retrospective cohort study	Prof.dr. Hoving	9-apr-2020
PMCLAB2020.123	A descriptive study of gliomas in children with Li Fraumeni syndrome	Dr. Jongmans	9-apr-2020
PMCLAB2020.124	Tumor-infiltrating lymphocytes in Neuroblastoma	Dr.Molenaar/Dr.Tytgat/Dr.van Noesel	16-apr-2020