FUNDED PROJECTS KWF PROGRAMME RESEARCH & IMPLEMENTATION CALL 2017-II

RESEARCH PROJECTS

Project Number	Project Title	Project Leader	Principal Investigator(s)	Institute	Department	Research Phase	Tumor type	Modality	Assigned Funder	Approved budget
11174	Targeted chemotherapy in pancreatic cancer: proof of principle in preclinical models.	dr. Arnold Spek	prof.dr. Alexander Kros dr. Maarten Bijlsma	Academic Medical Center	Center of Experimental and Molecular Medicine	Credentialing	Pancreatic Cancer	Agents		€ 501.721,25
11368	Multi-coil magnetic resonance guided hyperthermia for precision treatment of advanced head and neck carcinoma	dr. Margarethus Paulides	prof.dr. Juan Hernandez-Tamames prof.dr. Gerard Rhoon dr. Martine Franckena	Erasmus University Medical Center Rotterdam	Radiotherapy	Preclinical	Head and Neck Cancer; Laryngeal Cancer; Nasal Cavity and Paranasal Sinus Cancer; Oral Cavity and Lip Cancer;Parathyroid Cancer; Pharyngeal Cancer; Thyroid Cancer	Interventive devices		€ 645.982,50
11407	Secretory Paneth-like cells as the origin of intestinal cancer	prof.dr. Riccardo Fodde	-	Erasmus University Medical Center Rotterdam	Pathology	Basic research	Colon and Rectal Cancer; Gastrointestinal Tract	Basic research		€ 530.248,00
11446	Mechanistic characterization of a novel R-loop-dependent DNA Damage Response pathway	prof.dr. Wim Vermeulen	dr. Maria Tresini	Erasmus University Medical Center Rotterdam	Molecular Genetics	Basic research	Not Site-Specific Cancer	Basic research		€ 581.449,00
11251	Understanding and exploiting Polymerase Theta-mediated end joining (TMEJ) of DNA double-strand breaks	prof.dr. Marcel Tijsterman	-	Leiden University Medical Center	Human Genetics	Basic research	Not Site-Specific Cancer	Basic research		€ 594.818,00
11292	Prevalence, phenotype and clinical consequences of mosaicism in APC and other colorectal cancer and polyposis associated genes	prof.dr. Hans Morreau	dr. Maartje Nielsen dr. Tom van Wezel	Leiden University Medical Center	Pathology	Clinical	Colon and Rectal Cancer	Biomarkers		€ 562.696,20
11358	Post-translesion Synthesis DNA repair, responses to endogenous and exogenous DNA damage and gastrointestinal cancer development.	dr. Niels de Wind	dr. Jacob Jansen dr. Els Robanus Maandag prof.dr. Patricia Kannouche dr. Ruben van Boxtel prof.dr. Edwin Cuppen	Leiden University Medical Center	Human Genetics	Basic research	Colon and Rectal Cancer	Basic research		€ 699.454,25
11387	PORTRET-study: Prediction of Outcome, Risk of Toxicity and quality of life in older patients TREaTed for breast cancer	dr. Nienke de Glas	prof.dr. Johanneke Portielje dr. Gerrit-Jan Liefers	Leiden University Medical Center	Clinical Oncology	Clinical	Breast Cancer	Quality of life / care		€ 346.524,60
11313	MEDIASTinal staging of non-small cell lung cancer by endobronchial and endoscopic ultrasonography with or without additional surgical mediastinoscopy (MEDIASTrial)	dr. Frank van den Broek	dr. Nicole Papen-Botterhuis prof.dr. Jouke Annema dr. Marcel Dijkgraaf	Maxima Medisch Centrum	Surgery	Clinical	Lung Cancer	Imaging		€ 231.283,66
11307	Revealing mechanisms that can cause childhood cancer by deciphering somatic mutation patterns in pre-leukemic fetal cells	dr. Ruben van Boxtel	dr. Susana Chuva de Sousa Lopes	Princess Maxima Center for Pediatric Oncology	Research Operations	Basic research	Leukemia / Leukaemia	Basic research		€ 526.998,00
11388	Colorectal adenoma and cancer after treatment for pediatric cancer – risk, risk factors, and surveillance guidelines	dr. Leontien Kremer	dr. Cecile Ronckers	Princess Maxima Center for Pediatric Oncology	Research Operations	Credentialing	Brain Tumor; Colon and Rectal Cancer; Kidney Cancer; Leukemia / Leukaemia; Nervous System; Neuroblastoma; Non-Hodgkin's Lymphoma; Sarcoma (soft tissue)	Quality of life / care		€ 579.383,39
11179	Lifestyle habits and bladder cancer prognosis: effects by tumour stage and molecular subtype	dr.ir. Alina Vrieling	prof.dr. Lambertus Kiemeney dr. Geert van Leenders	Radboud University Medical Center	Health Evidence	Credentialing	Bladder Cancer	Lifestyle and exposure		€ 575.740,70
11199	Lamin deregulation and nuclear envelope rupture in cancer cells – gatekeepers of invasion and metastasis?	dr. Katarina Wolf	prof.dr. Peter Friedl prof.dr. Frans Ramaekers	Radboud University Medical Center	Cell Biology	Basic research	Breast Cancer; Melanoma; Not Site-Specific Cancer; Sarcoma (soft tissue)	Basic research		€ 542.316,00
11236	Anakinra: eFFicacy in the management of fEver during neutropenia and mucositis in autologous stem Cell Transplantation recipients (AFFECT)	prof.dr. Nicole Blijlevens	-	Radboud University Medical Center	Hematology	Clinical	Blood Cancer; Myeloma	Quality of life / care		€ 616.647,60
11249	Improving asparaginase therapy response in acute lymphoblastic Leukemia by targeting pre-B cell receptor signaling	dr. Frank van Leeuwen	dr. Roland Kuiper dr. Laurens van der Meer	Radboud University Medical Center	Paediatrics	Creation of modality	Leukemia / Leukaemia	Agents		€ 572.856,00
11261	Towards a blended mindfulness-based cognitive therapy for psychological distress in cancer patients	prof.dr. Anne Speckens	dr. Melanie Schellekens dr. Marije van der Lee	Radboud University Medical Center	Psychiatry	Creation of modality	Not Site-Specific Cancer	Quality of life / care		€ 217.396,40
11266	Reprogramming the glioma microenvironment by interfering with the sialic acid-Siglec axis	prof.dr. Gosse Adema	prof.dr. Pieter Wesseling dr. Kim Santegoets	Radboud University Medical Center	Radiotherapy	Basic research	Brain Tumor	Basic research		€ 493.630,35
11393	Targeting leukemia with the next generation of engineered immune cells: TEGs	dr. Zsolt Sebestyen	prof.dr. Jurgen Kuball dr.ir. Trudy Straetemans	UMC Utrecht	Laboratories & Pharmacy	Preclinical	Leukemia / Leukaemia	Immune response modifiers		€ 579.198,00
11399	Diagnostic accuracy of Gallium-68 PSMA-PET/CT in primary staging of prostate cancer	prof.dr. Marnix Lam	dr. Jules Lavalaye dr. Anko Kooistra	UMC Utrecht	Imaging	Clinical	Prostate Cancer	Imaging		€ 165.955,00
11349	Hemodynamic changes in the cardiopulmonary circulation after thoracic radiotherapy	dr. Peter van Luijk	prof.dr. Hans Langendijk prof.dr. Rob Coppes dr. Christina Muijs prof.dr. Jan Bussink dr. Nazia Mohammed	University Medical Center Groningen	Radiotherapy	Clinical	Esophageal / Oesophageal Cancer; Lung Cancer	Quality of life / care		€ 660.482,57
11350	Preventing Head and Neck Cancer Patients from developing permanent Radiation induced Xerostomia: The X-PREVENT Project	dr. Roel Steenbakkers	prof.dr. Hans Langendijk dr. Peter van Luijk drs. Olga Hamming-Vrieze	University Medical Center Groningen	Radiotherapy	Clinical	Head and Neck Cancer; Laryngeal Cancer; Oral Cavity and Lip Cancer; Pharyngeal Cancer	Quality of life / care		€ 468.922,80
11382	Development and proof-of-concept study of a mHealth supported self-compassion intervention for newly diagnosed cancer patients: A participatory design	prof.dr. Ernst Bohlmeijer	dr. Constance Drossaert prof.dr. Robbert Sanderman	University of Twente	Faculty of Behavioural, Management and Social sciences (BMS)	Clinical	Not Site-Specific Cancer	Quality of life / care		€ 376.885,90
11312	Functional characterization of microRNAs and their mRNA targets regulating HPV-associated anchorage-independent growth	dr. Renske Steenbergen	dr. Renée de Menezes	VU University Medical Centre	Pathology (VUmc CCA)	Basic research	Cervical Cancer; Head and Neck Cancer; Not Site-Specific Cancer	Basic research	Alpe d'HuZes	€ 595.405,95
11337	DNA methylation biomarkers in cervical cancer screening: towards all-molecular screening with self-sampling	dr. Daniëlle Heideman	dr. Maaike Bleeker dr. Hans Berkhof	VU University Medical Centre	Pathology (VUmc CCA)	Creation of modality	Cervical Cancer	Biomarkers		€ 644.801,30
									Total funding Research Projects (24 projects):	**€ 12.310.797,42**

YOUNG INVESTIGATOR GRANTS

Project Number	Project Title	Project Leader	Principal Investigator(s)	Institute	Department	Research Phase	Tumor type	Modality	Assigned Funder	Approved budget
11269	A comprehensive analysis of the feasibility of prophylactic vaccination against mismatch repair deficient cancers.	dr. Adriaan Bins	-	Academic Medical Center	Oncology	Basic research	Colon and Rectal Cancer	Immune response modifiers		€ 715.936,50
11351	Putting the patient at the center (of care): personalized treatment for psychological symptoms and fatigue in patients with cancer	dr. Annemarie Braamse	-	Academic Medical Center	Medical Psychology	Clinical	Breast Cancer; Esophageal / Oesophageal Cancer; Leukemia / Leukaemia; Myeloma; Non-Hodgkin's Lymphoma	Quality of life / care		€ 640.160,90
11289	Clinical Translation of Integrin αvβ6-Targeted Molecular Imaging for Pancreatic Cancer Detection - PANSCAN	dr. Rutger-Jan Swijnenburg	-	Leiden University Medical Center	Surgery (Oncology)	Clinical	Pancreatic Cancer	Imaging		€ 658.487,50
11367	Identification of BRCA/BARD1 ubiquitin E3 ligase target proteins to obtain novel insight in breast- and ovarian cancer	dr. Román González Prieto	-	Leiden University Medical Center	Molecular Cell Biology	Basic research	Breast Cancer; Ovarian Cancer	Basic research		€ 548.324,20
11315	Metabolic control of stem cells in cancer	dr. Maria Jose Rodriguez Colman	-	UMC Utrecht	Biomedical Genetics	Basic research	Colon and Rectal Cancer; Small Intestine Cancer	Basic research		€ 502.447,20
									Total funding Young Investigator Grants (5 projects):	**€ 3.065.356,30**

CONSORTIA

Project Number	Project Title	Project Leader	Principal Investigator(s)	Institute	Department	Research Phase	Tumor type	Modality	Assigned Funder	Approved budget
11219	Blinatumomab added to prephase and consolidation therapy in precursor B-acute lymphoblastic leukemia in adults. A phase II trial.	dr. Anita Rijneveld	-	Erasmus University Medical Center Rotterdam	Hematology	Clinical	Leukemia / Leukaemia	Immune response modifiers		€ 802.126,00
11221	Phase I-II study of pixantrone, etoposide, bendamustine and rituximab in patients with relapsed aggressive B -or T-cell non-Hodgkin lymphoma	dr. Pieternella Lugtenburg	-	Erasmus University Medical Center Rotterdam	Hematology	Clinical	Non-Hodgkin's Lymphoma	Agents		€ 95.862,00
11356	Reintroducing aclarubicin in the treatment of relapsed and refractory AML patients	prof.dr. Jacques Neefjes	dr. Peter von dem Borne prof.dr. Hendrik Veelken prof.dr. Gerwin Huls dr. Jeroen Janssen dr. Mojca Jongen-Lavrencic	Leiden University Medical Center	Chemical Immunology	Clinical	Blood Cancer; Leukemia / Leukaemia; Myeloma	Agents		€ 1.210.700,00
11363	Tumour-specific near-infrared fluorescence imaging in locally advanced and recurrent rectal cancer	dr. Alexander Vahrmeijer	dr. Miranda Kusters dr. Denise Hilling dr. Pim Burger prof.dr. Jacobus Burggraaf	Leiden University Medical Center	Surgery (Oncology)	Clinical	Colon and Rectal Cancer	Interventive devices		€ 865.473,00
11352	Identification and validation of genetic factors that determine sensitivity to Wee1 inhibition in high-grade ovarian cancer and related cancers	prof.dr. Marcel van Vugt	prof.dr. Jos Jonkers prof.dr. Thijn Brummelkamp prof.dr. Jan Schellens prof.dr. Steven de Jong dr. Wigard Kloosterman	University Medical Center Groningen	Medical Oncology	Basic research	Breast Cancer; Ovarian Cancer	Basic research		€ 1.422.266,30
									Total funding Consortia (5 projects):	**€ 4.396.427,30**

UNIQUE HIGH RISK PROJECTS

Project Number	Project Title	Project Leader	Principal Investigator(s)	Institute	Department	Research Phase	Tumor type	Modality	Assigned Funder	Approved budget
11394	Unravelling the integration of pediatric high-grade glioma in the developing brain using state-of-the art imaging	dr. Anne Rios	dr. Maria Alieva prof.dr. Pieter Wesseling	Princess Maxima Center for Pediatric Oncology	Research Operations	Basic research	Brain Tumor	Basic research		€ 150.056,00
11325	Switchable Notch Receptors for cancer immunotherapy with T cells	dr. Derk Amsen	-	Sanquin Research	Hematopoiesis	Basic research	Leukemia / Leukaemia; Melanoma	Immune response modifiers		€ 179.994,00
11270	Empowering the T cell killing machinery to eradicate cancer cells and prevent outgrowth	dr. Victor Peperzak	dr. Zsolt Sebestyen	UMC Utrecht	Laboratories & Pharmacy	Creation of modality	Leukemia / Leukaemia; Non-Hodgkin's Lymphoma	Immune response modifiers	Alpe d'HuZes	€ 144.693,00
11444	Cisplatin pharmacokinetics in head and neck cancer patients: is cisplatin overdosed in patients with low skeletal muscle mass?	prof.dr. Remco de Bree	dr. Lot Devriese dr. Alwin Huitema	UMC Utrecht	UMC Utrecht Cancer Center	Preclinical	Head and Neck Cancer	Biomarkers		€ 134.584,80
11308	Inhibiting Extracellular Vesicle release from breast cancer cells to combat drug resistance	dr. Michiel Pegtel	dr. Bart Westerman prof.dr. Connie Jimenez	VU University Medical Centre	Pathology (VUmc CCA)	Basic research	Breast Cancer	Basic research		€ 183.445,95
									Total funding Unique High Risk Projects (5 projects):	**€ 792.773,75**

Total funding CALL 2017-II: € 20.565.354,77

OVERVIEW

Research tracks & research phases	Number of projects	Funding
Exploration track	**18**	**€ 9.923.635,04**
Basic research	15	€ 8.266.789,70
Credentialing	3	€ 1.656.845,34
Development track	**21**	**€ 10.641.719,73**
Creation of modality	4	€ 1.579.746,70
Preclinical	3	€ 1.359.765,30
Clinical	14	€ 7.702.207,73
Total	**39**	**€ 20.565.354,77**

Funding types & research phases	Number of projects	Funding
Research Project	**24**	**€ 12.310.797,42**
Basic research	8	€ 4.564.319,55
Credentialing	3	€ 1.656.845,34
Creation of modality	3	€ 1.435.053,70
Preclinical	2	€ 1.225.180,50
Clinical	8	€ 3.429.398,33
Young Investigator Grant	**5**	**€ 3.065.356,30**
Basic research	3	€ 1.766.707,90
Clinical	2	€ 1.298.648,40
Consortia	**5**	**€ 4.396.427,30**
Basic research	1	€ 1.422.266,30
Clinical	4	€ 2.974.161,00
Unique High Risk Project	**5**	**€ 792.773,75**
Basic research	3	€ 513.495,95
Creation of modality	1	€ 144.693,00
Preclinical	1	€ 134.584,80
Total	**39**	**€ 20.565.354,77**