

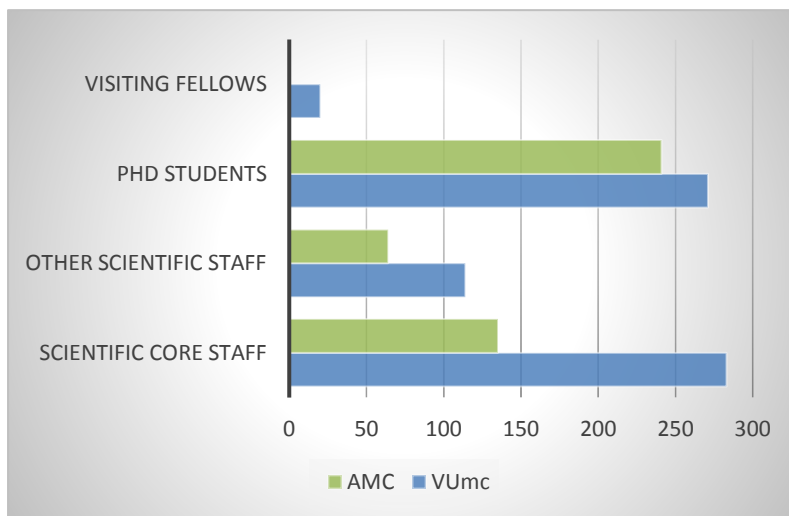
Annual Report 2017

Cancer Center Amsterdam



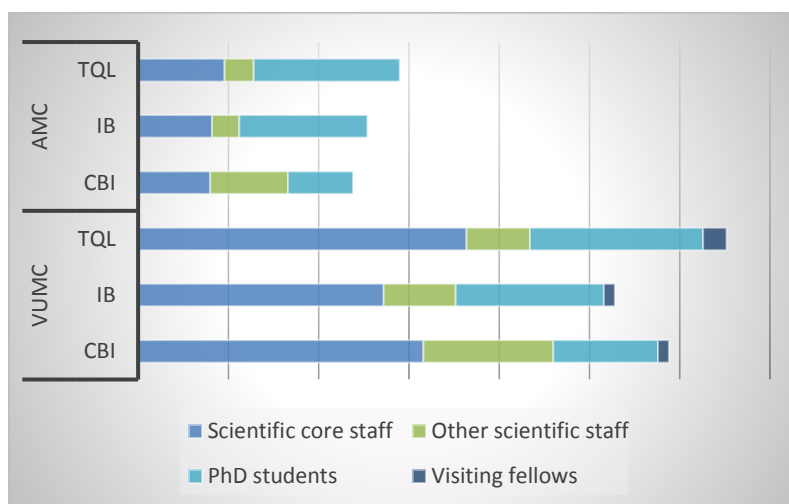
Annual figures CCA 2017

Figure 1: Research staff #



	VUmc	AMC	Total
Scientific core staff	283	135	418
Other scientific staff	114	64	178
PhD students	271	241	512
Visiting fellows	20	-	20
Total research staff	688	440	1128

Figure 1a: Research staff # per program

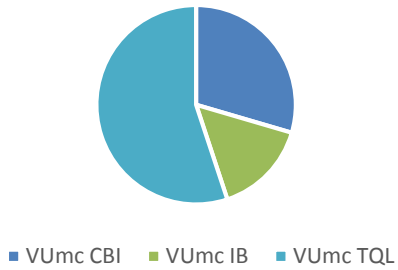


CBI: Cancer biology and immunology
 IB: Imaging and biomarkers
 TQL: Treatment and quality of life
Note: a researcher can be registered with more than 1 program

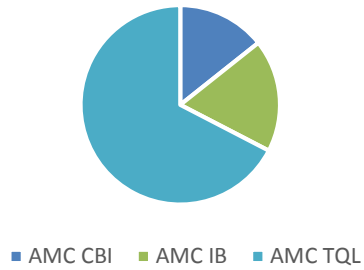
	VUMC			AMC		
	CBI	IB	TQL	CBI	IB	TQL
Scientific core staff	158	136	182	40	41	48
Other scientific staff	72	40	35	43	15	16
PhD students	58	82	96	36	71	81
Visiting fellows	6	6	13	-	-	-
Total research staff	294	264	326	119	127	145

Table 2: Main categories of research output

Refereed articles per program VUmc



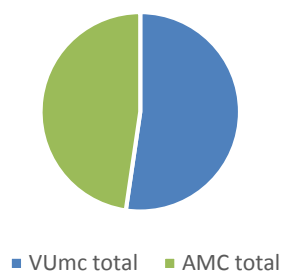
Refereed articles per program AMC



Refereed articles per program total



Total refereed articles



	VUmc				AMC				Total
	CBI	IB	TQL	total	CBI	IB	TQL	total	
Refereed articles	163	85	304	552	72	92	339	503	1055
Non-refereed articles	8	11	21	40	3	1	24	28	68
Scientific publications	5	3	2	10	-	-	10	10	20
Professional publications	10	19	60	89	-	-	14	14	103
PhD theses	21	6	18	45	4	8	25	37	82

Note: it is possible that output belongs to both AMC and VUmc. In that case, it is double counted since we are working with 2 separate systems.

Appendix Annual Report CCA 2017

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1. Organization CCA

Board AMC Oncological Center

- C.J.A. Punt, MD, PhD, Professor of Medical Oncology (chair)
- O. Busch, MD, PhD, Professor of Surgery
- J.E. van Hooft, MD, PhD, Gastroenterology and Hepatology
- C. Rasch, MD, PhD, Professor of Radiation Oncology
- G. Fons, MD, PhD, Gynecology
- J. Stoker, MD, PhD, Professor of Radiology
- M.J. Kersten, MD, PhD, Professor of Hematology
- J.P. Medema, PhD, Professor of Experimental Oncology and Radiobiology
- S.A. Heijmenberg, Internal Medicine

Board VUmc Cancer Center Amsterdam

- H.M.W. Verheul, MD, PhD, Professor of Medical Oncology (chair)
- G. Kazemier, MD, PhD, Professor of Surgical Oncology
- E. van Kessel, MBA, Program Manager Oncology
- Y. van Kooyk, PhD, Professor of Molecular Cell Biology and Immunology
- C.R. Leemans, MD PhD, Professor of Otolaryngology / Head & Neck Surgery
- B.J. Slotman, MD, PhD, Professor of Radiation Oncology
- P.J.F. Snijders, PhD, Professor of Pathology
- M.J. van de Vijver, MD, PhD, Professor of Pathology

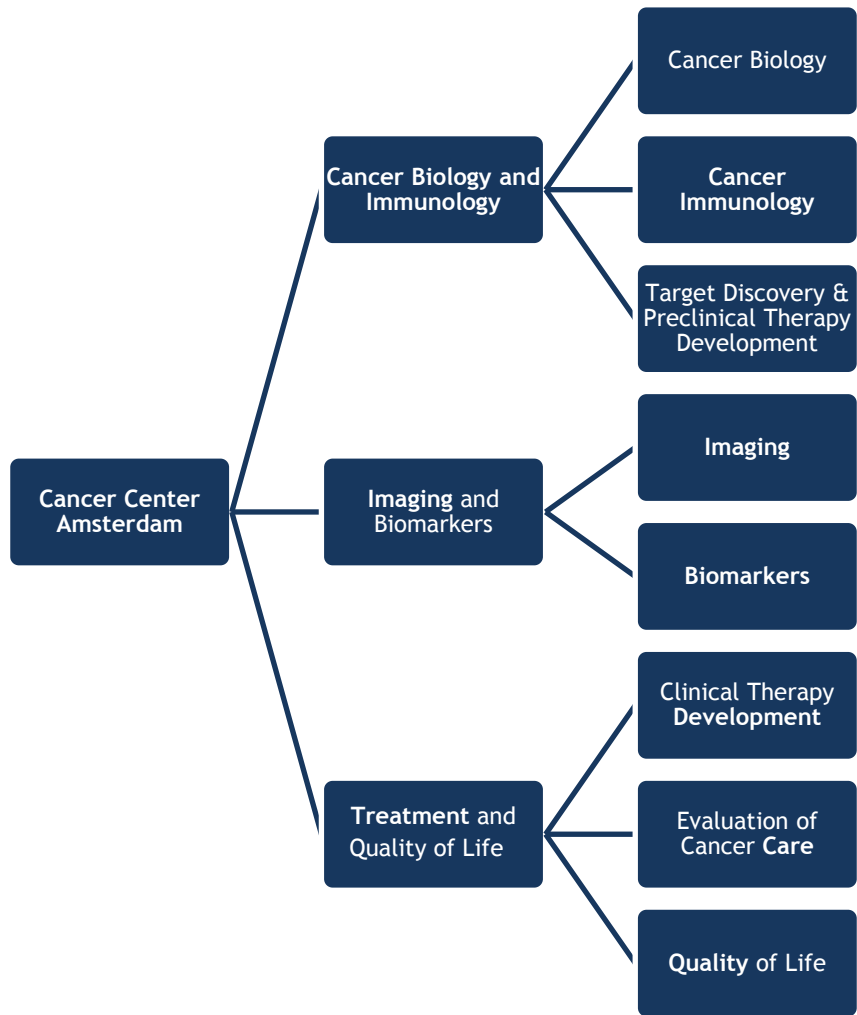
Directors CCA



Prof. dr. J. P. Medema



Prof. dr. H.M.W. Verheul



Research programs

In order to align our research efforts and to foster collaboration between basic and clinical researchers in similar areas in the Cancer Center we envision the following specific research programs and themes as our main areas of cancer research:

1. Cancer biology and immunology

In this program, basic cancer research on cancer biology and immunology is aimed at developing novel insight into the (patho)physiology of cancer and the immune system. Identification of novel targets for therapy and subgroup analysis will be a major goal and used to develop biomarkers and novel therapeutic modalities. The acquired biological and immunological insight will drive pre-clinical therapy development.

For this program the following themes are identified:

- **Tumor biology**
Program leaders:



Prof. dr. E. Eldering



Dr. R.D.M. Steenbergen



Prof.dr. L. Vermeulen



Dr. R. Wolthuis

- **Tumor immunology**
Program leaders:



Prof.dr. M. van Egmond



Prof.dr. T.D. de Gruijl



Prof.dr. A.P. Kater



Prof.dr. R.M. Luiten

- **Target discovery & Pre-clinical therapy development**
Program leaders:



Prof.dr. V.W. van
Beusechem



Prof.dr. R.H. Brakenhoff



Prof.dr. K.K. Krishnadath



Dr. M. Spaargaren

2. **Imaging & biomarkers**

In this program, the focus of research is on translation of potential diagnostic and predictive biomarkers and imaging techniques that serve our mission to detect cancer early and to personalize cancer medicine. For this program the following themes are identified:

- **Imaging**
Program leaders:



Prof.dr. G.A.M.S. van
Dongen



Prof.dr. H.W.M. van
Laarhoven



Prof.dr. A.G.J.M. van
Leeuwen



Dr. J.M. Zijlstra

- **Biomarkers**
Program leaders:



Dr. M.F. Bijlsma



Prof.dr. E. Dekker



Prof.dr. C.R. Jimenez



Dr. D.M. Pegtel

3. Treatment and Quality of Life

In this program, the research is focused on clinical implementation and evaluation of new leads for treatment strategies, in part based on discoveries from both program 1 and 2, and on improving quality of life. Therapy development also includes technology-driven research in Radiology and Radiotherapy and is supported by a phase I-II clinical trial unit. In addition, this program features our continued efforts to improve therapy as an (initiating) partner in large multi-center clinical trials.

For this program the following themes are identified:

- **Clinical therapy development**
Program leaders:



Prof.dr. M.I. van Berge-Henegouwen



Prof.dr. A.A. van de Loosdrecht



Prof.dr. S. Senan



Prof.dr. L.J.A. Stalpers

- **Evaluation of cancer care**
Program leaders:



Dr. L.M. Buffart



Dr. H. Klümpen



Dr. M.G.H. van Oijen



To be determined

- **Quality-of-life**
Program leaders:



Prof.dr. M.A. Grootenhuis



Dr. J.C. Reijneveld



Prof.dr. M.A.G. Sprangers



Prof.dr. I.M. Verdonck-de
Leeuw

Education and training

The Cancer Center Amsterdam will provide education and training for new generations of students, physicians and scientists with focus on the latest developments in oncology and aiming to prepare the new generation for becoming internationally recognized researchers and clinicians. The already established Oncology Graduate School Amsterdam (Onderzoekschool Oncologie Amsterdam - OOA) plays an important role in this educational program for young career scientists. The Cancer Center will host about 500 PhD students, which will be member of the OOA. The OOA is a joint graduate school run by VUmc ('penvoerder'), AMC and NKI. The OOA, which has already been accredited by the KNAW since 1993, has a longstanding tradition of providing an education program made up of high quality courses on a wide range of topics in oncology. A highlight of the educational program is the three-day annual PhD student retreat, which focuses entirely on the research conducted by the students themselves, contributing significantly to active networking between groups. The oncology-specific courses will be supplemented with courses organized by amongst others, VUmc Centre for Training and Education and the AMC graduate school.

Next to providing a training and education program to PhD students, the Cancer Center Amsterdam will continue to organize the already established courses on oncology for (bio)medical and health sciences bachelor's and master's curricula of both universities. Currently, VUmc offers a Master's program in Oncology, which is research-oriented and has a multidisciplinary character. Students are trained in state-of-the-art techniques in cancer research and therapy. At the UvA, the Master's program in Biomedical Sciences offers an Oncology track, covering topics such as basic cell and molecular biology, genetics, development of novel strategies for cancer diagnosis and treatment. These tracks will be incorporated in our research institute and provide an influx of young talent.

In VUmc a committee for education and training is installed to initiate and supervise all training and educational activities within CCA at VUmc.

Furthermore, the interest of PhD students and Postdoctoral fellows are represented by a PhD/postdoc council.

2. Media attention (since there is no specific information about media attention of CCA available of AMC, this is not mentioned in this report)

Topic	Medium	Name source	Date	URL	Researcher
Kanker de baas, maar je baan kwijt	Newspaper	Algemeen Dagblad and several regional newspapers	8-2-2017	website	Anema JR
Het vakgebied life sciences vraagt specifieke ICT-expertise: Samen bouwen aan een nieuwe onderzoekswereld	internet		1-12-2017	website	Belien J
Gold medal life time achievement	Newspaper	Eindhoven's dagblad	27-9-2017	website	Castelijns JA
Gold medal life time achievement	Magazine	Weekblad voor Ouder Amstel	27-9-2017	website	Castelijns JA
Gold medal life time achievement	Magazine	Spui Magazine	19-12-2017	website	Castelijns JA
Gold medal life time achievement	Magazine	Memorad	27-9-2017	website	Castelijns JA
local CpG in early-stage melanoma	news paper and lots of news sites	Algemeen Dagblad-nu.nl and Interview for Dutch public radio NPO1 "Radio 1 journaal"	2-10-2017	website	de Gruijl T
De anatomische les voor middelbare scholieren	college		2-11-2017		de Vries HE
Leven met een hersentumor	live television	Tijd voor Max (vanaf (vanaf 7:44)	5-10-2017	website	de Witt Hamer P
Knowledge-based treatment planning for proton therapy	Internet	Medical Physics	28-6-2017	website	Delaney A
Bezoek van KWF en donateurs			22-12-2017		den Haan JMM
Brain networks in neuro-oncology	Magazine	HersenMagazine	2-6-2017	website	Douw L
Predicting cognitive decline in surgical candidates	Online	nu.nl	31-01-2017	website	Douw L
Brain networks in neuro-oncology	Online	Vumc De Specialist	4-1-2017	website	Douw L
NWO Visitor grant is awarded to Dr. Omidreza Firuzi	Web	Amsterdamresearch.org website	9-11-2017	website	Giovannetti E
3D-Printed 'Eyes' Could Help Blind Children's Faces Grow Naturally	internet	Live Science	11-5-2017	website	Hartong D
3D-Printed 'Eyes' Could Help Blind Children's Faces Grow Naturally	internet	health articles	12-5-2017	website	Hartong D
3D Printed Eye Prostheses Can Help Children with Missing or Underdeveloped Eyes to Grow Normally	internet	3Dprint.com	19-5-2017	website	Hartong D
3D-Printed 'Eyes' Might Assist Blind Kids's Faces Develop Naturally	internet	myHealthBlog	28-10-2017	website	Hartong D
Augenprothesen aus dem 3D-Drucker helfen Kindern mit Mikrophthalmie oder Anophthalmie	internet	3Dgrenzenlos	22-5-2017	website	Hartong D
3D-Printed "Eyes" Could Help Blind Children's Faces Grow Naturally	internet	dietcontroltips	19-5-2017	website	Hartong D
3D-printed 'eye' may help blind children's faces to grow naturally		hoholok	17-5-2017	website	Hartong D
3D-printed 'eye' may help blind children's faces to grow naturally	internet	exos	31-5-2017	website	Hartong D
Bijdragen aan de natuurlijke groei van het gezicht van blinde kinderen met het 3D-afdrukoog		worldpronews		website	Hartong D
Essential-Oils-Contact-allergy-and-Chemical-Composition	internet	NVDV	1-8-2017	website	Hartong D
Combinatie van vier eiwitten verbetert screening darmkanker	tijdschrift	Medisch Contact (door Henk Maassen)	21-11-2017		Jimenez C
Hot Paper from B/D-HPP Cancer Initiative: Stool proteomics study to improve colorectal cancer screening	on-line internationale nieuwsbrief	HUPOPOST	30-11-2017	-	Jimenez C
Con el proteoma cada paciente tendrá un tratamiento personalizado	spaanse krant	La Voz de Galicia	29-10-2017		Jimenez C
Lopen tegen Kanker	krant	Telegraaf	30-3-2017		Jimenez C
Topprestatie voor volgende stap in kankeronderzoek	krant	VUmc donateurskrant Eigenwijs	1-3-2017		Jimenez C
Adjuvant tamoxifen resistance	OncoTV	OncoTV	9-12-2017	website	Kruger D
Head and Neck Cancer: Make Sense Awareness Campaign (steering committee chair)	Multiple, i.e. Internet		18-09-20-2017 t/m 22-09-2017	website	Leemans CR
De ins en outs van colitis na immuuncheckpointblokkade	internet	Immunoncologie.nl	1-2-2017		Neefjes-Borst A
Research into scientific misconduct	Internet	Retraction Watch	29-9-2017	website	Peeters CFW

Topic	Medium	Name source	Date	URL	Researcher
Cognitive disturbances in glioma patiëns	NPO Radio 1	Nieuws & Co	28-3-2017	website	Reijneveld JC
Chromium 6 toxicology	internet en public domain	TNO	1-7-2017	website	Rustemeyer T
Allergietesten	internet	NVDV	1-6-2017	website	Rustemeyer T
Re-intergratie	internet and published on paper among all Dutch medical specialists	Federatie Medische Specialisten	1-9-2017	website	Rustemeyer T
Handeczeeem	Bijblijven	Springer Verleg	1-9-2017	website	Rustemeyer T
Allergisch voor shampoo	Television	AvroTros	21-3-2017	website	Rustemeyer T
Alpe d'Huzes grant	Live & internet	KWF	29-5-2017	website	Steenbergen R
Alpe d'Huzes grant	Radio	KWF	2-6-2017	website	Steenbergen R
Alpe d'Huzes grant	Facebook	KWF	29-5-2017	website	Steenbergen R
VIVA 400	VIVA magazine		23-11-2017	website	Themeli M
VIVA 400	ellines.com		1-6-2017	website	Themeli M
KWF Ride for the Roses 2017 - gericht geven	internet	Ride for the Roses	20-6-2017	website	van de Ven R
KWF Ride for the Roses Lansingerland	facebook	KWF Kankerbestrijding	3-9-2017	website	van de Ven R
Genetic basis for alloimmunisation in SCD	Blood	Editorial (Blood Inside) https://ce0ozx88ge08arkipajbjpj.sec.amc.nl/content/130/19/2051	1-11-2017	-	van den Berg TK
Interview, immuuntherapie extra middel in de strijd tegen kanker	Interview VUmc Instant-magazine	Instantmagazine	08-06-2017		Y.van Kooyk
Het belang van bewegen is allang bewezen	Website UMCG		19-4-2017	website	van Mechelen W
Rokers moeten zich voorbereiden op nog meer verboden	Het Parool		29-7-2017		van Mechelen W
Bewegen en gezondheid	Nieuwsshow (radio 1)		9-9-2017		van Mechelen W
Uit de bureaustoel	Architectenweb	p.64-67	1-3-2017	website	van Mechelen W
Rookvrij Groningen vergt aanscherping landelijk rookverbod	Stadszaken. Dagelijks online nieuws		25-7-2017	website	van Mechelen W
Bewegen is een luxegoed geworden	Trouw		8-9-2017		van Mechelen W
Wetenschappers realiseren zich meer dat hun inspanningen ook maatschappelijk toepasbaar moeten zijn.	Online magazine VU Brussel		27-6-2017	website	van Mechelen W
Cancer Immunotherapy (by Lenneke Cornelissen)	popular scientific magazine	Science Vie	1-6-2017		van Vliets S
Thesis defense	Internet		28-11-2017	Promotie Sewing & Veldhuijzen van Zanten	Veldhuijzen van Zanten SEM
Thesis defense	Internet		28-11-2017	Promotie Lot & Sophie	Veldhuijzen van Zanten SEM
Thesis defense	Internet		28-11-2017	Flipbook Publicatie Online	Veldhuijzen van Zanten SEM
Thesis defense	Internet		28-11-2017	Twitter VUmc	Veldhuijzen van Zanten SEM
Thesis defense	Internet		28-11-2017	Twitter Dr. D. van Vuurden	Veldhuijzen van Zanten SEM
Nazorg per computer	Krant	Telegraaf	6-1-2017	website	Verdonck-de Leeuw IM
Het Oncokompas: nazorg met en na kanker.	Television	Omroep Max, Hallo Nederland	10-1-2017	website	Verdonck-de Leeuw IM
App die kankerpatiënt ondersteunt in basiszorg.	Internet	SKIPR	11-1-2017	website	Verdonck-de Leeuw IM
De kanker van je afschrijven.	Krant	Dagbladen van de Holland Media Combinatie	4-2-2017	-	Verdonck-de Leeuw IM
Nieuwe vorm van nazorg: stepped care na kanker werkt goed.	Tijdschrift	Mediator	22-3-2017	website	Verdonck-de Leeuw IM
Psychosociale gevolgen van kanker.	Internet	Medtalks	6-4-2017	website	Verdonck-de Leeuw IM
Werken na kanker heilzaam en		Sociaal Bestek	2017-nr 3.	website	Verdonck-de

Topic	Medium	Name source	Date	URL	Researcher
mogelijk.					Leeuw IM
Uiterlijk belemmert vrouwen met kanker	Persbericht	ANP pers	5-7-2017	website	Verdonck-de Leeuw IM
Oncokompas virtuele coach voor kankeroverlevers.	Tijdschrift	Medische Oncologie	1-7-2017	website	Verdonck-de Leeuw IM
Liquid Biopsies mbt tumor edicated platelets en swarm intelligence	Internet	Genetic Engineering & Biotechnology News	15-08-2017	website	Würdinger T
Liquid Biopsies mbt tumor edicated platelets en swarm intelligence	Internet	EurekAlert	14-08-2017	website	Würdinger T
Liquid Biopsies mbt tumor edicated platelets en swarm intelligence	Internet	Cancer Therapy Advisor	14-09-2017	website	Würdinger T
Liquid Biopsies mbt tumor edicated platelets en swarm intelligence	Internet	American Council on Science and Health	23-08-2017	website	Würdinger T
Liquid Biopsies mbt tumor edicated platelets en swarm intelligence	Internet	Genome Web	10-03-2017	website	Würdinger T
Liquid Biopsies mbt tumor edicated platelets en swarm intelligence	Internet	Tiscali News	16-08-2017	website	Würdinger T
Liquid Biopsies mbt tumor edicated platelets en swarm intelligence	Internet	Blik op Nieuws	15-08-2017	website	Würdinger T
Liquid Biopsies mbt tumor edicated platelets en swarm intelligence	Internet	VUmc	14-08-2017	website	Würdinger T
Liquid Biopsies mbt tumor edicated platelets en swarm intelligence	Internet	Medicalfacts	29-09-2017	website	Würdinger T
Liquid Biopsies mbt tumor edicated platelets en swarm intelligence	Internet	De kennis van nu	28-09-2017	website	Würdinger T

3. Awards (since there is no specific information about awards of CCA available of AMC, this is not mentioned in this report)

Name award/honor	Awarded by	Date	Place Ceremony	Researcher
Chulabhorn Award	Chulabhorn Institute	18-12-2017	Bangkok	Brakenhoff R
Poster prize	Gordon Research Seminar - Microbial Adhesion and Signal Transduction	23-7-2017	Salve Regina University in Newport RI United States	Burggraaf MJ
Gold medal Life time achievement	European Society of head and neck radiology	29-9-2017	Lisbon	Castelijns JA
Awarded talk	International Magnetic Resonance in Medicine (ISMRM) - the world's largest MRI meeting - on color intensity projections (CIP) applied to breast cancer	22-4-2017		Cover K
PhD award for D. van Dinther	Dutch Tumor Immunology meeting	1-6-2017	Breukelen	de Haan JMM
KWF/Alpe Young Investigator Award	KWF	1-5-2017		de Lange J
Guest Professor, Hebei General Hospital, Shijiazhuang, China	Hebei General Hospital, Shijiazhuang, China	1-4-2017	Hebei General Hospital, Shijiazhuang, China	Dekker J
Best Presentation Award - Mesothelioma Applied Research Foundation, US	Mesothelioma Applied Research Foundation, US	28-3-2017	National Cancer Institute, Bethesda, US	Giovanetti E
Award for Excellence of Applied Neuro-Oncology	22nd Annual Scientific Meeting and Education Day of the Society for Neuro-Oncology	1-12-2017	San Fransisco	Klein M
Best Presentation Award	KWF Cancer Biology meeting	2017	Lunteren	Meel, H
Ellsworth Lecture in retinoblastoma	international society for genetic eye diseases and retinoblastoma	16-00-2017	Leeds, UK	Moll A
EHA CRTH winner and participant	EHA	1-11-2017	via EHA - brussel, Rome and EHA congres in Sweden	Nijhof I
1st Poster Prize VUmc Science Exchange Day 2017	Vaste Commissie Wetenschap Vumc	29-9-2017	Vumc, Amsterdam	Peeters CFW
Scientific Director for Advanced Studies in Lung Cancer	University of Zurich and the European School of Oncology	1-12-2017		Senan S
Chair, Advanced Radiation Therapy Committee	International Association for the Study of Lung Cancer	1-12-2017		Senan S
Honorary fellow American College of Radiology	American College of Radiology	21-5-2017	Washington DC	Slotman B
Jacob I Fabrikant award	International Stereotactic Radiosurgery Society	1-6-2017	Montreux, Switzerland	Slotman B
Selected co-president EUROGIN. This is a honorary position, which rewards persons who have made important contributions to the advance of research and clinical practice in the field of HPV associated diseases or other scientific activities of EUROGIN	EUROGIN	8-12-2017	Amsterdam	Snijders PJF
VIVA-400 knappe koppen	VIVA	23-11-2017	Undercurrent.Papaverweg 265	Themeli M
Professorship	VU/VUMC	1-9-2017	VU	van den Berg TK
Doctor honoris causa	Vrije Universiteit Brussel	23-5-2017	Aula Vrije universiteit Brussel	van Mechelen W
Eere-lidmaatschap Koninklijke Vereniging Leraren Lichamelijke Opvoeding	Koninklijke Vereniging Leraren Lichamelijke Opvoeding	8-9-2017	Aula Vrije universiteit Amsterdam	van Mechelen W
ASPASIA fellowship	NWO	9-7-2017		van Vliet SJ

4. Patents / licenses VUmc & AMC

Name	Author(s)	Description	Number	Date assigned
AMRIF B.V.	Brands, Seinen, Molthoff, Jansen, Oosting	Composition comprising alkaline phosphatase for use in the treatment of arthritides	17150448.4 - 1466	5-1- 2018
Imaging apparatus and method of forming composite image from a plurality of source images	Cover KS, Lagerwaard FJ, Senan S	Color intensity project (CIP) technique for displaying time information in the hue applied to MRI of breast cancer	European application proceeding	
Imaging apparatus and method of forming composite image from a plurality of source images	Cover KS, Lagerwaard FJ, Senan S	Color intensity project (CIP) technique for displaying time information in the hue applied to MRI of breast cancer	Licensed to BrainLab Germany for application in angiography	
LAVA Therapeutics - VUmc License and Assignment Agreement	de Gruijl T, Verheul H, JJ van der Vliet	LAVA Therapeutics - VUmc License and Assignment Agreement	2016-0171	14-2-2017
BV CimCure - VUmc License agreement	Griffioen A, Huijbers E, Nowak-Sliwinska P	BV CimCure - VUmc License agreement	2017-0165	15-3-2017
Statines	Jansen G		EP17187127.0	21-8-2017
CTI BioPharma - VUmc Option Agreement regarding the patents covering the synergistic therapeutic effect between Statins and Aminopeptidases (including Tosedostat)	Jansen G	CTI BioPharma - VUmc Option Agreement regarding the patents covering the synergistic therapeutic effect between Statins and Aminopeptidases (including Tosedostat)	2017-0198	14-8-2017
Use of VHH antibodies against BMP4 for treatment of Barrett's esophagus (pre-cancer stage)	Krishnadath S			
HPV cervix cancer assay with normalised miRNA	Steenbergen R, Meijer C		EU17183100.1	still under examination
Swarm intelligence-enhanced diagnosis and therapy selection for cancer using tumor-educated platelets (Swarm)	Wurdinger T		NL2018391	17-2-2017

5. Funding of projects started in 2017

Location VUmc*

Project leader	Project title	Project type	Starting date	Amount
Bahce I	LBC - algemeen	CCA	01-07-2017	50.000,00
Bonjer H	Mesh Project	OVERIG 3e GS	21-03-2017	27.000,00
Bouma G	SERENITY studie	BeheerBV	01-10-2017	50.734,00
Cloos J	MRD detection in AML	BeheerBV	13-07-2017	568.348,00
Cover K	improved screening & diagnosis	CCA	1-3-2017	94.679,00
de Lange J	Cohesion weakness: a unique cancer vulnerability of unknown origin	KWF YIG	2017	567.239,00
de Langen J	1LON18001 ZR Pembro Urly stage	BeheerBV	01-06-2017	254.059,00
Dorsman J	Synthetic Lethal Interactions with Retinoblastoma Pathways	KWF	2017	190.810,00
Dorsman J Wolthuis R Van de Vrugt H	Implementation of novel CRISPR/Cas9 technologies	CCA Open Ronde	2017	210.358,00
Dorsman J	Functional Genomics of Fanconi Anemia Pathways using CRISPR-Cas9	FARF	2017	175.000,00
Giovannetti E	Microbiome pancreatic cancer	CCA	01-04-2017	75.000,00
Giovannetti E	Tumor-educated platelet profil	KWF 2016	01-04-2017	353.467,00
Hashemi S	1LON17009 - XALT3	BeheerBV	08-03-2017	33.942,00
Hashemi S	1LON17010 - BOOSTER	BeheerBV	01-05-2017	27.139,00
Ilarregui J	Biological control of T-all	CCA	01-03-2017	91.448,00
Hulleman E	Ontsnapingsmechanismes in de behandeling van hoog-gradige gliomen bij kinderen door middel van RNA sequencing.	Stichting Egbers	8-09-2017	47.180,00
Jimenez C	INTERROGATING PHOSPHOPROTEOME	KWF 2016	01-05-2017	835.908,75
Kaspers G	Splicing	VUmc fonds	01-06-2017	50.000,00
Kaspers G	Fertility add-on	Kika	10-01-2017	580.986,00
Kaspers G	KWF Insomnia	KWF 2016	01-11-2017	453.237,40
Kaspers G	Part 2 Later	OVERIG 3e GS	01-01-2017	144.532,00
Kazemier G	Microbioom 2017	CCA	01-07-2017	200.000,00
Kazemier G	Hypermethylated DNA	CCA	01-02-2017	100.000,00
Klein M	Brain Cognition	Bedrijf	1-10-2017	215.276,00
Koppers-Lalic D	Epitrans	KWF	01-03-2017	548.000,00
Mebius R	lymph node stromal subsets	NWO	01-06-2017	262.117,00
Mebius R	Non invasive biomarkers Crohn	MLD Stichting	01-12-2017	150.000,00
Morre S	Chlamydia trachomatis	RIVM	01-01-2017	68.595,00
Mutis T	Dual CAR T AML MM Kompas	OVERIG 3e GS	19-04-2017	675.152,00
Mutis T	5HEM17xxx CAR 38 CARNK HEM0090	BeheerBV	01-06-2017	300.000,00
Mutis T	5HEM17027 Novartis CD32b	BeheerBV	14-07-2017	116.600,00
Noske D	A blood test for glioblastoma	OVERIG 3e GS	01-11-2017	60.000,00
Oprea-Lager D	Validation radiolabeled PSMA	CCA	08-05-2017	194.612,00
Oprea-Lager, D	Sponsoring Astellas PSMA	OVERIG 3e GS	01-05-2017	60.000,00
Ossenkoppele G	HARMONY - IMI	EU-IMI	1-1-2017	150.000,00
Pegtel M	Exosome-mediated delivery	CCA	01-01-2017	109.649,00
Pegtel M	LBC - algemeen	CCA	01-07-2017	1.340.000,00
Steenbergen R	KWF 10395	KWF 2016	1-9-2017	174.140,00
Steenbergen R	KWF 10781	KWF 2016	1-9-2017	546.269,20
Themeli M	CCA2014-1-17 Themeli	CCA	24-04-2017	197.500,00
van de Donk N	5HEM17034 Nivo-Dara LAB-deel	BeheerBV	13-02-2017	917.796,00
van den Eertwegh A	1ONC17015 CA209-511	BeheerBV	12-01-2017	90.971,00
van der Knaap M	VWM Trial	VUmc fonds	1-10-2017	100.000,00
van der Vliet J	1ONC17021 Res. overeenk. Lava	BeheerBV	1-5-2017	146.629,00
van Die I	RUBICON	NWO	01-11-2017	130.764,00
van Dongen G	5RNG17xxx CRISTAL RNG0044	BeheerBV	12-04-2017	38.094,00
van Dongen G	5RNG17006 CytomX RNG0046	BeheerBV	14-07-2017	122.859,00
van Grieken N	KWF 10613	KWF 2016	1-11-2017	678.480,50
van Vliet S.J.	Metabolism & glycosylation patterns	CCA	01-06-2017	199.487,00
van Vliet S	Aspasia	NWO - Aspasia	01-05-2017	200.000,00
Verbakel W Dahele M	Varian Medical Systems, RapidPlanPT	OVERIG	01-07-2017	109.350,00
Verbakel W Dahele M	Varian Medical Systems, Artificial Intelligence for radiotherapy	OVERIG	01-09-2017	250.000,00
Verheul H	xxxxxxxxx BAY 94-9343 / 18329	BeheerBV	27-09-2017	26.339,00
Verheul H	Sunrise-2	CCA	01-01-2017	27.762,00
Verheul H	1ONC17004 h Trunc-VEGF	BeheerBV	01-05-2017	272.500,00

Project leader	Project title	Project type	Starting date	Amount
Westers T	HD Mass Cytometry CCA2016-5-28	CCA	01-09-2017	145.061,00
Wolf	4H syndroom en RNA polymerase	OVERIG 3e GS	15-2-2017	48.225,00
Würdinger T	CIRCA	STW/Hartstichting	1-12-2017	887.000,00
Würdinger T	WINDOW	Brain Tumour Charity	1-10-2017	1.750.000,00
Würdinger T	ELBA	ERC Marie Curie ITN	1-11-2017	3.400.000,00
Ylstra B	Chromorexis 10721	KWF 2016	01-11-2017	182.999,90
Zweegman S	HOVON 143	OVERIG 3e GS	01-03-2017	508.800,00
Zweegman S	HOVON 126	OVERIG 3e GS	11-07-2017	26.250,00
Zweegman S	KWF, Consortia,	KWF 2016	01-05-2017	627.649,00
Zweegman S	HOVON 143-b technician	OVERIG 3e GS	11-07-2017	67.297,20

*Note: only funding > €25k is presented

Location AMC*

Project leader	Project title	Funding	Sponsor	Starting date	Amount
Bel A.	Child-tailored image guided adaptive radiotherapy: because children are not adults.	3	KWF Kankerbestrijding	01-01-2017	455.015,50
Bemelman W.A.	Transanal Minimally Invasive Surgery for alternative indications: Educational and Research program	4	Applied Medical	03-02-2017	50.000,00
Bemelman W.A.	FIT4Surgery Medtronic	4	Medtronic Trading NL B.V.	01-03-2017	20.000,00
Bemelman W.A.	A Pivotal, Prospective, Randomized, Controlled, Multicenter Superiority Clinical Study Comparing Standard Anastomosis Closure Technique to Standard Closure Technique Plus Sylus Surgical Sealant	4	Cohera Medical, Inc.	29-06-2017	113.758,00
Bergman J.J.G.H.M.	Slokdarmkanker en Barrett-slokdarm: vroeger vinden en genezen!	3	Stichting AMC Foundation (Vrijgesteld)	01-01-2017	37.500,00
Bergman J.J.G.H.M.	Clinical Trial to Evaluate Safety and Dose Response Using the C2 Cryoballoon Swipe Ablation System for the Treatment of Barrett's Esophagus.	4	C2 Therapeutics, Inc.	08-02-2017	56.710,00
Bergman J.J.G.H.M.	Next generation optical coherence tomography for improved detection of early Barrett's neoplasia.	3	Life Sciences Health TKI	31-03-2017	607.614,00
Bergman J.J.G.H.M.	Wide Area Transepithelial Sample Esophageal Biopsy combined with Computer Assisted 3-Dimensional Tissue Analysis For the Detection of High Grade Esophageal Dysplasia and Adenocarcinoma	4	CDx Diagnostics	25-11-2017	46.875,00
Besselink M.G.H.	Promzyme - Patient Reported Outcome Measures (PROMs) before and after pancreatic enZVME replacement therapy in pancreatic and periampullary cancer	4	Allergan Pharmaceuticals International Ltd	11-05-2017	60.000,00
Besselink M.G.H.	LEALIVE	4	Johnson & Johnson Medical BV	01-07-2017	50.000,00
Besselink M.G.H.	MD-PhD Scholarship Maarten Korrel	1	AMC (Vrijgesteld)	01-12-2017	108.032,00
Besselink M.G.H.	Sponsorovereenkomst Promzyme - Nationaal Fonds tegen Kanker	3	Stichting Nationaal Fonds tegen kanker	01-12-2017	110.000,00
Bijlsma M.F.	MHV besmetting 2e ronde verlenging Veenstra	1	AMC	01-04-2017	35.000,00
Bijlsma M.F.	Interrogating the phosphoproteome for targets and markers in pancreatic cancer	3	KWF Kankerbestrijding	01-05-2017	176.321,00
Bijlsma M.F.	Liquid Biopsy platform vanuit alliantie instituut CCA - Advanced	1	AMC	01-12-2017	269.172,00

Project leader	Project title	Funding	Sponsor	Starting date	Amount
	analytics for unique liquid biopsy sources				
Bins A.D.	A randomized, double blind, placebo controlled Phase III study of ODM 201 versus placebo in addition to standard androgen deprivation therapy and docetaxel in patients with metastatic hormone sensitive prostate cancer.	4	Covance Clinical and Periapproval Services SA	04-08-2017	81.496,00
Bins A.D.	Targeted immunotherapy directed against the dMMR mutation signature: towards a prophylactic vaccine in patients with Lynch syndrome.	3	Stichting Sacha Swarttouw-Hijmans	07-12-2017	25.920,00
Buist M.R.	VIMP-project: Implementation of diagnostic laparoscopy in advanced stage ovarian cancer to guide initial treatment; either primary debulking surgery or neo-adjuvant chemotherapy	2	ZonMw	01-11-2017	46.902,00
Crezee J.	Development of patient specific treatment planning to enhance and optimize clinical effectiveness of hyperthermic intraperitoneal chemotherapy in colorectal cancer patients	3	KWF Kankerbestrijding	01-09-2017	563.765,00
Crezee J.	A dedicated high resolution small animal hyperthermia device to support translation of novel cancer therapies from lab to bedside	2	ZonMw	01-01-2017	411.852,00
Dekker E.	Evaluation of optimal intervals for colonoscopy surveillance: a randomized trial	3	KWF Kankerbestrijding	01-02-2017	1.142.391,50
Dekker E.	Evaluation of optimal intervals for colonoscopy surveillance: a randomized trial	3	KWF Kankerbestrijding	01-02-2017	525.275,00
Dekker E.	Fujifilm Linked Color Imaging versus high-definition white light endoscopy to increase the detection of polyps in patients with Lynch syndrome.	4	FUJIFILM Europe GmbH	26-01-2017	91.500,00
Dekker E.	Safety , feasibility and efficacy of the optical diagnosis strategy for diminutive polyps by trained and qualified endoscopists	3	Maag-Darm Stichting	01-10-2017	60.664,00
de Reijke T.M.	A Multinational, Phase 3, Randomized, Double blind, Placebo controlled efficacy and safety study of enzalutamide plus androgen deprivation therapy (ADT) versus placebo plus ADT in patients with metastatic hormone sensitive prostate cancer (mHSPC).	4	INC Research UK Limited	16-01-2017	34.892,00
de Reijke T.M.	Cure for Cancer 2017-2021	3	Stichting Cure for Cancer	01-01-2017	915.345,00
Eldering E.F.	Understanding the active crosstalk between B cell lymphoproliferative malignancies and the immune system in order to improve anti-cancer immunotherapeutic approaches	3	Stichting AMC Foundation (Vrijgesteld)	01-01-2017	292.000,00
Eldering E.F.	Metacan	2	Europese Unie	01-09-2017	255.374,28
Eldering E.F.	CRISPR platform	1	AMC	01-12-2017	295.150,00
Fockens P.	Nieuwe Colon resectietechnieken	3	Stichting Europees Post Graduate GS School	01-09-2017	57.299,00
Grootenhuis M.A.	Improving Childhood Cancer Care when Parents Cannot be There - Reducing Medical Traumatic Stress in Childhood Cancer Patients by Bonding with a Robot Companion	2	Technologiestichting STW	01-10-2017	195.092,00
Guikema J.E.J.	De rol van de PI3-kinase/AKT/FOXO signaleringsroute in B cel maligniteiten	1	AMC	01-10-2017	75.300,00
Hazenberg M.D.	Antistoffen tegen AML , ontwikkeling van diagnostiek om	3	Stichting AMC Foundation	01-09-2017	50.000,00

Project leader	Project title	Funding	Sponsor	Starting date	Amount
Kater A.P.	recidief AML te voorkomen ABC2ALL	2	(Vrijgesteld) Rijksdienst voor Ondernemend Nederland	01-02-2017	991.563,00
Kater A.P.	CT: Open-Label, Single Arm Phase 3b, Multi-center Study Evaluating the Efficacy of Venetoclax (ABT-199) in Relapsed/Refractory Subjects with Chronic Lymphocytic Leukemia (CLL) including Those with the 17p Deletion or TP53 Mutation OR Those Who Are Refractory or Intolerant to B-Cell Receptor Inhibitors	4	AbbVie B.V.	10-01-2017	75.155,00
Kater A.P.	CT: Randomized phase -II trial of obinutuzumab, abinutuzumab and venetoclax ans standard or MRD guided venetoclax maintenance in first-line patients with CLL	3	KWF Kankerbestrijding	01-01-2017	266.695,00
Kater A.P.	Lab-Janssen DART-CD19/ROR1	4	Janssen Research & Development, LLC	23-05-2017	76.929,00
Kater A.P.	CT: Hovon 141 extra budget clinical trial	4	Stichting Hovon Amsterdam, p/a VUmc	13-06-2017	286.120,00
Kater A.P.	Lab: Hovon 141	4	Stichting Hovon Amsterdam, p/a VUmc	13-06-2017	103.500,00
Kater A.P.	CLL werkgroep personeel onderzoek	3	Stichting Hovon Amsterdam, p/a VUmc	01-09-2017	407.943,00
Kater A.P.	CT: A Phase 1, Open-Label, Multicentre, Non-Randomized Study to Assess the Safety, Tolerability, Pharmacokinetics and Preliminary Antitumor Activity of AZD4573, a Potent and Selective CDK9 Inhibitor , in Subjects with relapsed or refractory Haematological.	4	AstraZeneca AB R&D Sudertälje	21-09-2017	128.249,00
Kater A.P.	Biobank ondersteuning	3	Stichting AMC Foundation (Vrijgesteld)	01-01-2017	200.000,00
Kater A.P.	MHV Vergoeding	1	AMC	01-07-2017	92.351,00
Kersten M.J.	CT: Dutch WM Task Force	3	Stichting AMC Foundation (Vrijgesteld)	01-09-2017	200.000,00
Kersten M.J.	CT: A Phase 3, Randomized, Open-Label, Multicenter Study Comparing the Efficacy and Safety of the Bruton's Tyrosine Kinase (BTK) Inhibitors BGB-3111 and Ibutinib in Subjects with Waldenstrom's Macroglobulinemia (WM)	4	PAREXEL International (IRL) Limited	17-10-2017	31.475,00
Knoop J.A.	Determining moderators of psychosocial and exercise interventions for cancer related fatigue in cancer survivors: an individual patient data meta-analysis (POLARIS)	1	AMC	01-08-2017	43.801,00
Koster J.J.B.	ITCC Pediatric Preclinical POC Platform	2	Europese Unie	01-01-2017	376.250,00
Krawczyk P.	DNA damage researchgroup Przemek	1	AMC	01-11-2017	96.500,00
Krawczyk P.	Boosting hyperthermia-based anticancer treatments by HSP90 inhibition	3	Erasmus MC	15-11-2017	338.192,00
Kremer L.C.M.	Health problems after 3D-olanned pediatric radiotherapy: A nation-wide cohort study	3	KWF Kankerbestrijding	01-07-2017	543.100,00
Krishnadath K.K.	Circulating tumor cells for tailoring BMP targeted therapies CTC4BMP	2	Europese Unie	01-07-2017	150.000,00
Medema J.P.	The Achilles Heel of mesenchymal colon cancers	3	KWF Kankerbestrijding	01-02-2017	1.169.422,00
Medema J.P.	MHV besmetting ronde 2 verlenging Bochove en Prasetyanti	1	AMC	01-04-2017	46.800,00
Medema J.P.	Oncode	3	Stichting Oncode Institute	01-09-2017	1.250.000,00

Merks J.H.M.	Datamanagement SKION studies	1	AMC	01-09-2017	97.342,00
Pals S.T.	Agressieve lymfomen (materiele kosten project CG701002)	3	Stichting AMC Foundation (Vrijgesteld)	01-01-2017	60.000,00
Punt C.J.A.	A Multi-Centre Randomised Clinical Trial of biomarker-driven maintenance treatment for first-line metastatic colorectal cancer	4	Roche Nederland B.V.	01-11-2017	66.328,25
Saeed P.	Chirurgische anatomie orbitale apex	3	UitZicht	01-09-2017	25.000,00
Saeed P.	Orbita Tumoren	1	AMC	01-12-2017	16.477,00
Spaargaren M.	Towards a rational targeted therapy for Waldenström's Macroglobulinemia by kinome-centered loss-of-adhesion and synthetic lethality screens.	3	International Waldenström's Macroglobulinemia Foundation	01-01-2017	389.000,00
Spaargaren M.	Towards targeted combination therapy to combat drug-resistance in mantle cell lymphoma and chronic lymphocytic leukemia	3	KWF Kankerbestrijding	01-02-2017	547.300,00
Stoker J.	CT/MRI beoordelingen	4	NIEUWE DEB IND	01-02-2017	44.880,62
Stoker J.	Project Advanced MRI of the bowel	1	AMC	01-06-2017	264.000,00
Stoker J.	Ultra-low-dose chest CT as an alternative for chest X-ray in imaging patients suspected of non-traumatic pulmonary disease at the Emergency Department	2	ZonMw	01-12-2017	580.755,00
Tanis P.J.	LifeCell	1	AMC	01-05-2017	214.246,00
Tanis P.J.	BIOPEX 2	4	LifeCell EMEA Ltd.	13-06-2017	62.558,00
van Berge Henegouwen M.I.	Distribution of lymph node metastases in esophageal carcinoma (TIGER).	4	Olympus Nederland B.V.	01-06-2017	40.000,00
van den Bos C.	Pediatric relapsed acute leukemia: Sleep, fatigue, additional costs to the family and their effect on quality of life	2	Crediteurenadm. VUmc, p/a Profource Service Center	01-01-2017	47,50
van der Molen H.F.	NCvB dienstverlening 2017	2	Ministerie van SZW	01-01-2017	625.718,00
Vandertop W.P.	Voorloper fellowship	1	AMC	01-01-2017	23.947,00
van de Vijver M.J.	Genetic properties of breast carcinomas associated with cancer-immune interactions	3	KWF Kankerbestrijding	01-11-2017	721.382,00
van Gulik T.M.	Mushroom-derived phytochemicals for treatment of perihilar cholangiocarcinoma	3	Stichting Surgical Research Foundation	15-02-2017	48.175,00
van Gulik T.M.	Aanstelling L. Franken	3	Stichting AMC Foundation (Vrijgesteld)	15-11-2017	51.755,00
van Kampen A.H.C.	Aanstelling Elena Merino	1	AMC	15-03-2017	253.395,00
van Kampen A.H.C.	Modelling immune processes AIO	1	AMC	01-12-2017	230.471,00
van Laarhoven H.W.M.	PDL-1 targeting in resectable oesophageal cancer: a phase IB feasibility study of Atezolizumab and chemoradiation (PERFECT)	4	Roche Nederland B.V.	02-03-2017	887.360,00
van Laarhoven H.W.M.	Organoid and organotypic cultures to Personalize pancreatic cancer Treatment (OPT study)	3	Stichting voor Lever en Maag-Darmonderzoek	27-03-2017	130.000,00
van Laarhoven H.W.M.	Declaraties van kosten, ten behoeve van POCOP en PACAP	3	Integraal Kankercentrum Nederland	15-03-2017	101.830,00
van Laarhoven H.W.M.	A Phase 2, Fast Real-time Assessment of Combination Therapies in Immuno-Oncology Study in Participants with Advanced Gastric Cancer (FRACTION-Gastric Cancer)	4	Bristol-Myers Squibb Int. Corp.	08-08-2017	563.147,25
van Laarhoven H.W.M.	Development of a platform for next-generation DNA sequencing based personalized treatment for cancer patients: protocol to obtain biopsies from patients with metastatic cancer (CPCT-02)	3	Stichting Hartwig Medical Foundation	30-10-2017	84.000,00
van Laarhoven H.W.M.	Critics2	2	Antonie van Leeuwenhoek Ziekenhuis	18-09-2017	29.069,80

van Laarhoven H.W.M.	Determination of treatment toxicity and HER2 status in esophagogastric cancer patients in the Netherlands ML39597	4	Roche Nederland B.V.	28-09-2017	282.000,00
van Leeuwen A.G.J.M.	Biomedical Research	1	AMC	01-01-2017	40.000,00
van Leeuwen A.G.J.M.	FOIPO	2	Europese Unie	01-01-2017	177.599,00
van Leeuwen A.G.J.M.	Emmet	1	AMC	01-10-2017	26.916,00
van Leeuwen A.G.J.M.	OCTIC	2	Rijksdienst voor Ondernemend Nederland	01-09-2017	397.200,00
van Leeuwen A.G.J.M.	Advanced optical imaging of the oesophagus during cancer therapy	1	AMC	15-03-2017	60.000,00
van Leeuwen A.G.J.M.	EV Diagnostics for monitoring therapy by CARS (project 3.4)	2	Technologiestichting STW	01-01-2017	84.628,00
van Noesel C.J.M.	Implementatie van BRCA diagnostiek bij patiënten met ovariumcarcinoom	4	AstraZeneca BV	10-10-2017	73.330,00
van Oijen M.G.H.	Evidence-based care for colorectal cancer in The Netherlands during 2008-2015: a retrospective cohort study and provider survey of the Dutch Colorectal Cancer Group (DCCG)	4	Roche Nederland B.V.	13-03-2017	100.150,00
Vermeulen L.	MHV besmetting ronde 2 verlenging K. Lenos	1	AMC	01-04-2017	37.200,00
Vermeulen L.	Spatiotemporal Dynamics of therapy response and resistance in gastrointestinal malignancies	3	KWF Kankerbestrijding	01-08-2017	578.196,00
Vermeulen L.	Using Molecular Subtypes to predict anti-EGFR Responses in metastatic Colorectal Cancer	3	KWF Kankerbestrijding	01-10-2017	557.347,00
Vermeulen L.	Beursaanvraag Neutral competition in expanding malignancies of the GI tract	1	AMC	01-11-2017	280.000,00
Vermeulen L.	Tegengaan van overbehandeling van colorectale kanker door implementatie van nieuwe moleculaire diagnostiek	2	Innovatiefonds Zorgverzekeraars	01-09-2017	383.030,00
Versteeg R.	The R2 bioinformatics platform: consolidation and expansion for the next decennium	1	AMC	01-01-2017	240.000,00
Versteeg R.	Ellen Westerhout Oncogenomics 3,6 maand 26.659	1	AMC	01-04-2017	26.659,00
Wilmink J.W.	Something old, something new; repurposing already-approved metabolic drugs to target IDH1/2 mutations in cancer	3	KWF Kankerbestrijding	01-11-2017	181.137,00
Wilmink J.W.	A phase III study of BBI-608 plus nab-Paclitaxel with Gemcitabine in Adult Patients with Metastatic Pancreatic Adenocarcinoma as amended from time to time and incorporated herein by reference (hereinafter referred to as the protocol)	4	Chiltern International BV	03-02-2017	29.305,00

*Note: only funding > €25k is presented