

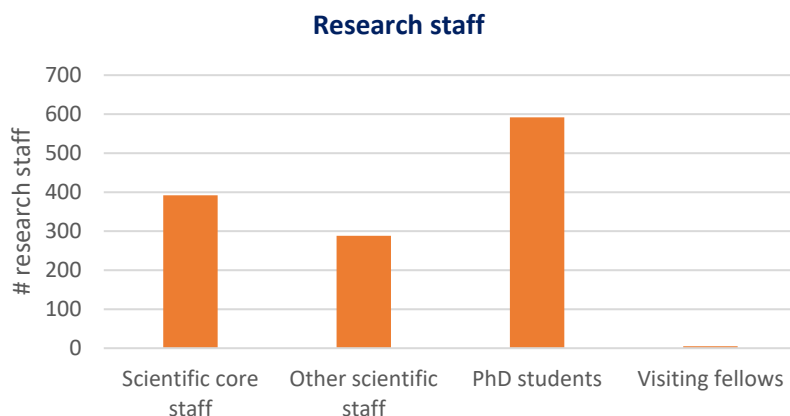
Cancer Center Amsterdam

Facts and figures 2024

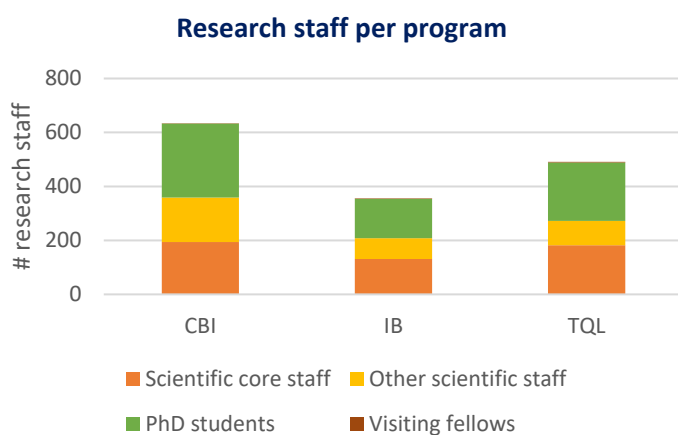


Research staff

Research staff of CCA in total and per program in 2024. In the table below, the CCA staff of 2023 is also shown for comparison.



	Cancer Center Amsterdam	
	2023	2024
Scientific core staff	391	392
Other scientific staff	268	288
PhD students	597	592
Visiting fellows	6	5
Total research staff	1262	1277



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

	Cancer Center Amsterdam					
	CBI		IB		TQL	
	2023	2024	2023	2024	2023	2024
Scientific core staff	190	194	130	131	180	182
Other scientific	148	165	77	77	87	90
PhD students	272	274	155	146	222	217
Visiting fellows	1	1	1	2	4	2
Total research	611	634	363	356	493	491

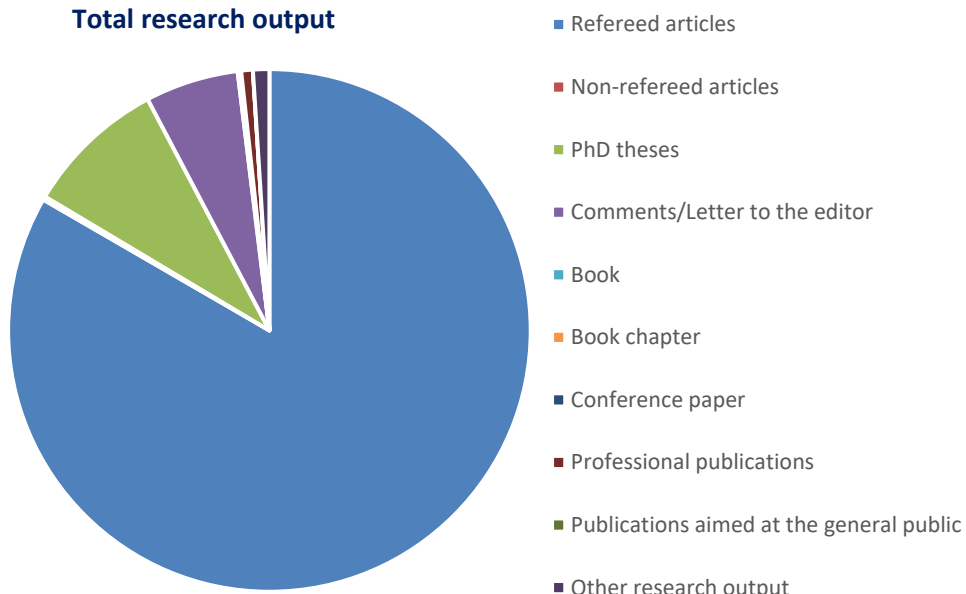
Scientific core staff: assistant professor, associate professor, full professor, other staff (clinicians and medical specialists)

Other scientific staff: postdocs and other researchers

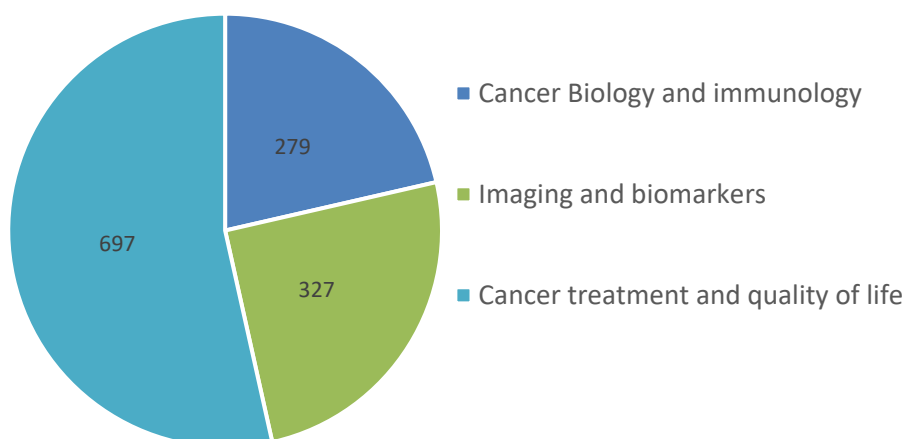
Research output

Research output of CCA in total and per program in 2024. In the table below, the CCA research output of 2023 is also shown for comparison.

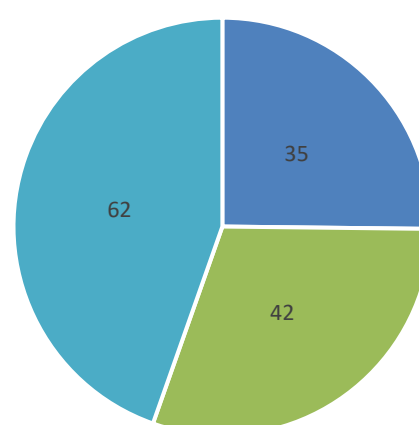
Total research output



Refereed articles per program



PhD theses per program



	Cancer Center Amsterdam							
	CBI		IB		TQL		Total*	
	2023	2024	2023	2024	2023	2024	2023	2024
Refereed articles	256	279	349	327	720	697	1106	1156
Non-refereed articles ¹	8	2	5	0	26	1	35	3
PhD theses	29	35	23	42	55	62	89	121
Comments/Letter to the editor	nd	15	nd	15	nd	59	nd	80
Book	nd	0	nd	1	nd	2	nd	2
Book chapter	nd	1	nd	1	nd	0	nd	1
Conference paper	nd	0	nd	0	nd	0	nd	0
Professional publications ²	0	2	3	4	7	6	8	10
Publications aimed at the general public ³	nd	0	ns	0	nd	0	nd	0
Other research output ⁴	nd	3	nd	4	nd	8	nd	14

Research output of institute. (1) Articles in journals that are non-refereed, yet deemed important for the field (2) Publications aimed at professionals in the public and private sector (professional publications) including patents and annotations (e.g., law). (3) Also known as “populariserende artikelen” (Popular articles). (4) Other types of research output if applicable, such as abstracts, editorships, inaugural lectures, designs and prototypes (e.g., engineering) and media appearances.

*Note: it is possible that output belongs to more than 1 program.

CBI: Cancer Biology and immunology

IB: Imaging and biomarkers

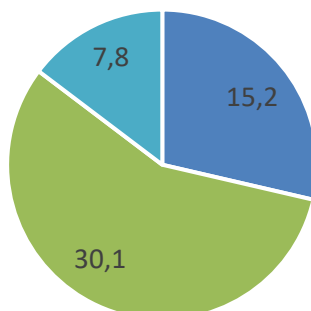
TQL: Cancer treatment and quality of life

Nd: not determined

Funding

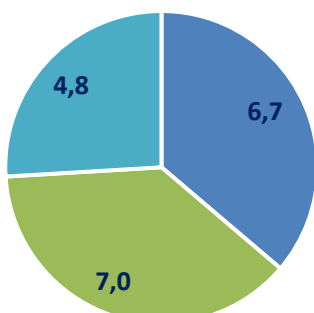
Acquisition of competitive CCA funding total and per program in 2024. In the table below, acquisition of CCA funding of 2023 is also shown for comparison.

CCA total funding (in M€)



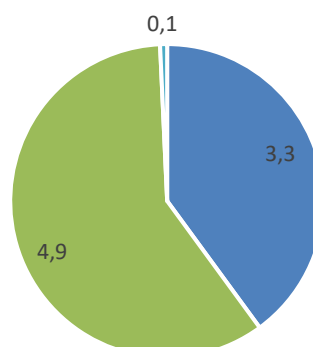
■ 2nd funds flow ■ 3rd funds flow ■ 4th funds flow

Other (in M€)



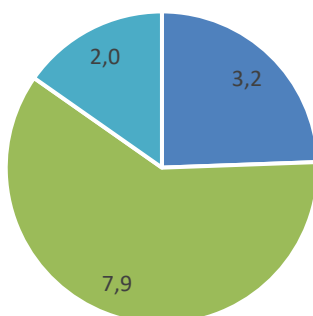
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Cancer biology and immunology funding (in M€)



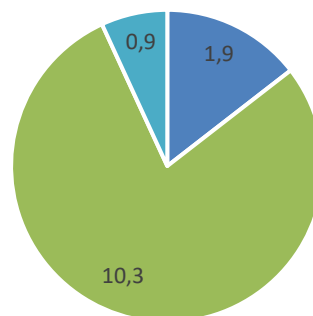
■ 2nd funds flow ■ 3rd funds flow ■ 4th funds flow

Imaging and biomarkers funding (in M€)



■ 2nd funds flow ■ 3rd funds flow ■ 4th funds flow

Cancer treatment and quality of life funding (in M€)



■ 2nd funds flow ■ 3rd funds flow ■ 4th funds flow

	2nd funds flow*	3rd funds flow*	4th funds flow*	Total 2023
CCA total	8.433.861	29.599.877	5.398.568	43.432.306
Cancer biology and immunology	1.487.912	14.418.010	92.300	15.998.222
CCA - Imaging and biomarkers	3.718.279	5.410.472	2.997.371	12.126.122
Treatment and quality of life	3.227.670	9.771.395	2.308.897	15.307.962
	2nd funds flow	3rd funds flow	4th funds flow	Total 2024
CCA total	15.177.900	30.073.053	7.831.882	53.082.835
Cancer biology and immunology	3.336.648	4.877.254	62.054	8.275.956
CCA - Imaging and biomarkers	3.257.661	7.908.591	2.002.925	13.169.177
Treatment and quality of life	1.874.771	10.271.926	940.592	13.087.289
Other**	6.708.820	7.015.282	4.826.311	18.550.413

**Other refers to research that has not yet been properly classified under one of the CCA research programs

*2nd funds flow: NWO, KNAW, government ministries, European organizations

*3rd funds flow: Charitable organizations

*4th funds flow: Research contracts with industry

Appointed professors 2024

Name	First name	m/f	Chair	Department	Date of appointment	CCA program
A.B.P. van Kuilenburg	André	m	Enzymology of metabolic and oncological disorders	Laboratory GMD	1-5-2024	Cancer Biology and immunology
C.D. Savci-Heijink	Dilara	f	Clinical Pathology	Pathology	10-9-2024	Cancer treatment and quality of life
M.F. Bijlsma	Maarten	m	Exp. Gastrointestinal Oncology	LEXOR	17-9-2024	Cancer Biology and immunology
D.P. Noske	David	m	Preclinical Neurosurgery	Neurosurgery	1-8-2024	Cancer Biology and immunology
J.B. Tuynman	Jurriaan	m	Colorectal Oncological Surgery	Surgery	1-5-2024	Cancer treatment and quality of life
A.N. Vis	André	m	Diagnostics and Surgery of Tumors of the Lower Urinary Tract	Urology	1-1-2024	Cancer treatment and quality of life
D.J. Vugts	Daniëlle	f	PET Radiochemistry, particularly of pharmaceuticals	Radiology & Nuclear Medicine	1-4-2024	Imaging and biomarkers
A.M. Bergman	André	m	Clinical and Translational Research of Prostate Carcinoma	Internal Medicine Medical Oncology	1-12-2024	Cancer treatment and quality of life



Dilara Savci



Daniëlle Vugts



André Bergman



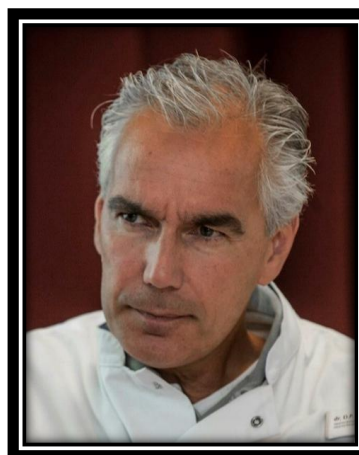
André van Kuilenburg



Maarten Bijlsma



André Vis



David Noske



Jurriaan Tuynman

Principal investigators

	Cancer Biology and Immunology	Imaging and biomarkers	Cancer treatment and quality of life	CCA total*
PIs appointed in 2024	11	7	9	18
Total PIs per research program in 2024	98	66	65	159

Principal investigators (PIs) per research program. PIs are defined as researchers with an own research line within Amsterdam UMC and are appointed by the Executive Board of Directors.

* Some PIs fall under two research programs

Acquired grants

(Prestigious) external grants & laureates

In the table below the (highly competitive) individual and consortium grants that CCA researchers obtained in 2024 are listed.

Grant type	Title	Projectleader	Department	Research program	€ awarded
NWO Vidi	From intestinal inflammation to intestinal healing by tuft cells	Jochem Bernink	Experimental Immunology	Cancer Biology and Immunology	€850.000
NGF AiNed IX Europa		Nolbert Moldovan	Pathology		
Spinozafund Startstipendium		Alexander de Porto	Hematology		€25.000
NWO promotiebeurs voor leraren	CONNECT-AYA	Anke Boumans		Cancer treatment and quality of life	
NWO promotiebeurs voor leraren	Samen Beter Worden	Charlotte van Westerhuis		Cancer treatment and quality of life	
ZonMw open competitie	Spatiële heterogeniteit van de verdeling van geneesmiddelen in tumoren	Willemien Menke	Medical Oncology		€749.877
ZonMw open competitie	Decoding the emerging role of dynamic tRNA gene regulation in cancer and cellular adaptations to changing environments	Alan Gerber	Neurosurgery		
MSCA DN	MIRACLE	Linda Smit	Hematology		€2,6M
TKI		Maaïke Bleeker	Pathology		
TKI		Lucas Duits	Gastroenterology		
TKI		Marjolein van Egmond	Surgery		€900.000
TKI		Maria Themeli	Hematology		€400.000
NWO ENW M2	Een zoete verdediging	Victor Thijssen			
ZonMW	Implementatie van een acuut hospice bed	Lia van Zuijlen	Medical Oncology		€242.472

Grant type	Title	Projectleader	Department	Research program	€ awarded
HORIZON-MISS-2023-CANCER	SPACETIME project	Febe van Maldegem (coordinator)	Molecular Cell Biology & Immunology	Cancer Biology and Immunology	€12M
KiKa	Retinoblastoom bij kinderen: MRI als hulpmiddel bij het bepalen van het tumortype	Annette Moll Pim de Graaf	Ophthalmology Radiology and Nuclear Medicine	Imaging and biomarkers	€527.280
NWO open competition	CONQUEST: Conquering therapy resistance in Multiple Myeloma; a computational and experimental quest	Jeroen Guikema	Pathology	Cancer Biology and Immunology	€742.000
Hanarth Foundation	AI for complete pathological response evaluation with image-based machine learning models in esophageal carcinoma: AIFORCE	Suzanne Gisbertz	Surgery	Cancer treatment and quality of life	
Hanarth Foundation	AI for improved prognosis and treatment response prediction using FDG PET/CT in multiple myeloma	Ronald Boellaard	Radiology and Nuclear Medicine	Imaging and biomarkers	
KWF	Nieuwe immuunremmende mechanismen bij melanoom om de werkzaamheid van neoadjuvante immunotherapie te voorspellen	Yvette van Kooyk	Molecular Cell Biology & Immunology	Cancer Biology and Immunology	€850.482
KWF	Locale toediening van longkankervaccins om T-cellen te stimuleren	Alsya Affandi	Molecular Cell Biology & Immunology	Cancer Biology and Immunology	€748098
KWF	Volgen van het ziektebeloop bij patiënten met keelholtekanker door HPV sequencing van bloedplasma	Ruud Brakenhoff	Otolaryngology	Cancer Biology and Immunology	€2.027.467
KWF YIG	Vaccinatie met antilichaam bewapende kanker-specifieke virussen als nieuwe immuuntherapie voor patiënten met kanker	Roeland Lameris	Medical oncology	Cancer Biology and Immunology	€1.028.341
KWF	Op zoek naar verhalen: een innovatieve ondersteunende zorg-interventie met een online tentoonstelling van gezamenlijk gecreëerde kunstwerken (ISOS-Thuis)	Hanneke van Laarhoven	Medical oncology	Cancer treatment and quality of life	€144.546
KWF	Stroma-gerichte kankertherapie voor fibrotische tumoren	Rodrigo Leite de Oliveira	Human Genetics	Cancer Biology and Immunology	€367.725
KWF	Samen naar passende psychosociale palliatieve zorg voor kankerpatiënten met migratieachtergrond en naasten: behoeftebepaling, interventie-ontwikkeling en pilottest	Hans Knoop	Medical Psychology	Cancer treatment and quality of life	€680.539

Grant type	Title	Projectleader	Department	Research program	€ awarded
KWF	Naar het einde van de regenboog: verbetering van LHBTIQ+ inclusieve palliatieve en levenseinde zorg	Lia van Zuylen	Medical oncology	Cancer treatment and quality of life	€543.735
KWF	Langer leven met kanker: Een onderzoek naar de ondersteunende rol van participatieve kunst bij kwetsbare patiëntengroepen	Niels van Poecke	Medical oncology	Cancer treatment and quality of life	€590.068
KWF	Kan de behandeling met daratumumab-lenalidomide-dexamethason tijdelijk gestopt worden bij patiënten met nieuw vastgesteld multipel myeloom?	Sonja Zweegman	Hematology	Cancer treatment and quality of life	€723.400
KWF	Robot-geassisteerde versus open pancreatoduodenectomie in patiënten met een primair resectabel carcinoom in de pancreaskop (DIPLOMA-2x2): internationale multicenter geblindeerde en gerandomiseerde studie	Marc Besselink	Surgery	Cancer treatment and quality of life	€401.587
KWF	Hyperthermie verandert immunologisch koude in hete tumoren: onderzoek naar de toegevoegde waarde van immunotherapie bij HIPEC-behandeling van gemetastaseerde eierstokkanker	Hans Crezee	Radiation oncology	Cancer Biology and Immunology	€577.870

Awarded internal OZI grants & laureates

Grant type	Title	Projectleader	Department	Research program	€ awarded
CCA call	Exploration of a differential blood platelet subpopulation in the thrombocytopenic glioblastoma patient	Myron Best	Neurosurgery	Imaging and biomarkers	€ 104.646,00
CCA call	Mapping the functional anatomy of the tumor-brain interface to discover novel treatment avenues for IDH-mutant glioma	Dorien Maas	Anatomy and Neurosciences	Cancer Biology and Immunology	€ 210.000,00
CCA call	Mapping functional APC-T cell interactions in the tumor microenvironment – the power of the cluster method	Sofía Ibáñez Molero	Molecular Cell Biology & Immunology	Cancer Biology and Immunology	€ 210.000,00
CCA call	The impact of the gut microbiome and its metabolites on tumor-specific immunity against acute myeloid leukemia	Alexander de Porto	Hematology	Cancer Biology and Immunology	€ 209.926,00
CCA call	Comprehensive CRISPR/Cas9 tiling of a human chromosome	Oscar Bril	Laboratory of Experimental Oncology and Radiobiology	Cancer Biology and Immunology	€ 209.944,00
CCA call	Non-invasive, accessible liver function assessment with quantitative MRI to guide hepatectomy in hepatic cancer	Nienke Wassenaar	Radiology and nuclear medicine	Imaging and biomarkers	€ 210.000,00
CCA call	Contrast-enhanced ultrasound (CEUS) for early differentiation between malignant sarcomas and benign myomas in the uterus	Jenneke Kasius	Gynaecological oncology	Imaging and biomarkers	€ 207.601,00
Proof-of-concept call	First in human PET-imaging of glutamine metabolism in Chronic Lymphocytic Leukemia	Josée Zijlstra Bert Windhorst Ben Zwezerijnen	Hematology Radiology and nuclear medicine	Imaging and biomarkers	€ 190.000,00
Proof-of-concept call	NON-IV study: Neo-adjuvant peritumoral immunoNotherapy In Vulvar cancer	Stijn Mom Tanja de Gruijl	Gynaecological oncology Medical oncology	Cancer treatment and quality of life	€ 262.831,00
Proof-of-concept call	Safety and tolerability of treating locally advanced Resectable Oral Cancer with neoadjuvant INtratumoral anti-CTLA4 ImmunoTherapy combined with systemic anti-PD-1 (ROCinIT)	René Leemans Rieneke van de Ven	Department of Otorhinolaryngology	Cancer treatment and quality of life	€ 232.099,40

Grant type	Title	Projectleader	Department	Research program	€ awarded
Travel grant	Work visit Gurdon Institute, Cambridge	Manouk de Jong	Laboratory of Experimental Oncology and Radiobiology	Cancer Biology and Immunology	€ 1700
Travel grant	Work visit Brigham and Women's hospital (BWH) Harvard Medical School	Julien Vos	General Practice	Cancer treatment and quality of life	€ 2250
Travel grant	Work visit Toronto Metropolitan University	Jacqueline Wagner	Radiology and nuclear medicine	Cancer treatment and quality of life	€ 2250
Travel grant	Work visit Cancer Research Institute Ghent (CRIG)	Pouya Namakshenas	Radiation oncology	Cancer Biology and Immunology	€ 1800
Travel grant	Work visit University of California, San Francisco, Department of Radiology and Biomedical Imaging	Mona Zimmermann	Anatomy and Neurosciences	Imaging and biomarkers	€ 2250
Travel grant	Work visit Technical University of Denmark	Beatriz Costa	Medical oncology	Cancer Biology and Immunology	€ 1500
Travel grant	Work visit University Hospital Carl Gustav Carus at Technische Universität Dresden	Dillen van der Aa	Surgery	Imaging and biomarkers	€ 1500