

Geert J.P.L. Kops

18 April 1974, Dongen, The Netherlands

Director, Hubrecht Institute for Developmental Biology and Stem Cell Research
Professor of Molecular Tumor Cell Biology, UMC Utrecht

Academic Positions

2023 (Sep) -	Director of the Hubrecht Institute for Developmental Biology and Stem Cell Research
2020-2023	Head of Oncode Institute
2018-2023	Scientific Director, Oncode Institute
2015-	Senior group leader, Hubrecht Institute for Developmental Biology and Stem Cell Research
2011-	Professor Molecular Tumor Cell Biology, UMC Utrecht
8/2014 – 7/2015	Visiting Professor, Fred Hutchinson Cancer Research Center, Seattle, USA
2011- 2014	Head of Laboratory of Medical Oncology, Department of Medical Oncology & Department of Molecular Cancer Research, UMC Utrecht
2007-2011	Associate Professor at the Department of Physiological Chemistry (now Molecular Cancer Research), UMC Utrecht
2005- 2006	Assistant Professor at the Department of Medical Oncology, Laboratory of Experimental Oncology of the UMC Utrecht
2002- 2004	Postdoctoral fellow at the Ludwig Institute for Cancer Research, Dept. of Cell Biology, La Jolla, CA, USA. PI: Prof. Dr. Don W. Cleveland
2001	Postdoctoral researcher at Department of Physiological Chemistry (now Molecular Cancer Research) of the UMC Utrecht. PI: Prof. Dr. Ir. Boudewijn M. T. Burgering

Education

2001	PhD (<i>with highest honours</i>), dept. of Physiological Chemistry, Utrecht University Supervisors Prof. dr. Ir. B. M. T. Burgering & Prof. dr J.L. Bos
1997	MSc (doctorandus (drs.)) in Biology, Utrecht University

Awards & Honourable mentions

2025	Elected member of the Royal Netherlands Academy of Arts and Sciences (KNAW) ERC Advanced Grant
2023	Runner-up PhD Supervisor of the Year, Utrecht Life Sciences
2022	NWO-Gravitation ('Zwaartekracht') grant
2020	Cozzarelli Prize for PNAS paper of the year in Class II (Biological Sciences)
2019	ERC Synergy grant
2016	Runner-up PhD Supervisor of the Year, Utrecht Life Sciences
2014	KNCV Gold Medal, of the Royal Dutch Chemistry Society
2013	NWO-Vici grant Best Masters course of the Utrecht Graduate School of Life Sciences, for the course 'Chromosome segregation, aneuploidy and cancer' of the CS&D program Elected to the Young Academy of Europe (YAE)
2011	Runner-up Best Masters course of the Utrecht Graduate School of Life Sciences, for the course 'Chromosome segregation, aneuploidy and cancer' of the CS&D program

2009	ERC grant (prior to StG/CoG distinction)
2006	NWO-Vidi grant Von Freyburg Medal (Catharijne Foundation)
2004	NVMB prize (of the Netherlands Society for Biochemistry and Molecular Biology)
2000	Research stimulation prize for fundamental research, UMC Utrecht
1999	Keystone Symposia Travel Award

Grants

2025	ERC Advanced Grant (2,5M€)
2023	KWF Kankerbestrijding Project Grant (910 k€)
2022	NWO Gravitation (Zwaartekracht), co-applicant (20M€ total, 1.2M€ share) ONO pharmaceuticals Research Collaboration (518k€) ZonMW Open competition grant (€770k) NWO-ENW-M1 (€355k)
2020	NWO-ENW-KLEIN1 (357 k€)
2019	ERC Synergy grant (10M€ total; 3,4M€ share) KWF Kankerbestrijding Project Grant (650 k€) KWF Kankerbestrijding Project Grant (co-applicant, 660 k€)
2018	KNAW 3-V equipment fund (51k€)
2017	KWF Kankerbestrijding Project Grant (630 k€) Stichting Sasha Swarttouw stipend (25 k€)
2016	KWF Kankerbestrijding Project Grant (co-applicant, 790 k€) NWO-ALW-Open (260 k€)
2015	KWF Kankerbestrijding Project Grant (560 k€)
2014	EU-FP7-Marie Curie Innovative Training Network (ITN). Co-applicant. (280 k€ share)
2013	NWO-VICI (1500 k€) NWO-ALW-Open (260 k€) KWF Kankerbestrijding Project Grant (540 k€)
2012	NWO Zwaartekracht ('Gravitation') grant Cancer Genomics Center Netherlands' Co-applicant (800 k€ share) TiPharma Value Creation (with NTRC & NKI/AVL) (320 k€) KWF Kankerbestrijding Project Grant (540 k€)
2011	NWO Large-scale research facilities: Proteins@work. Co-applicant (1000 k€ share)
2009	ERC (European Research Council) Starting Independent Researcher Grant (1570 k€) KWF Kankerbestrijding Project Grant (520 k€)
2008	NPCII grant, from the Netherlands Proteomics Center (280 k€)
2006	NWO-VIDI (600 k€) KWF Kankerbestrijding Project Grant (520 k€)
2001	KWF Kankerbestrijding fundamental and (pre)clinical cancer research fellowship
1996	KWF Kankerbestrijding undergraduate scholarship

PhD Supervisor

Present	Sarah Tommouhi (expected graduation 2029), Anneloes Keijzer (expected graduation 2028), Alessandro Corsini (expected graduation 2027), Maximilian Raas (expected graduation 2027), Lorena Andrade Ruiz (expected graduation 2027), Simona Lafirenze (expected graduation 2026), Joana Marques (expected graduation 2026), <i>Co-supervision:</i> Chiara Baggio (expected graduation 2028), Ainhoa Larreategui Aparicio (expected graduation 2026)
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Past (graduation date)

Sjoerd Klaasen (23-02-2023), Bas de Wolf (15-10-2021), Timo Kuijt (20-2-2020), Ana Bolhaqueiro (31-10-2019), Spiros Pachis (24-9-2019), Wilma Hoevenaar (20-6-2019), Richard van Jaarsveld (5-3-2019), Jolien van Hooff (10-12-2018), Banafsheh Etemad (12-12-2017), Eelco Tromer (12-12-2017), Mathijs Vleugel (8-12-2014), Wilco Nijenhuis (28-1-2014), Tale Sliedrecht (3-12-2013), Aniek Jansen (*with highest honours* 20-12-2012), Saskia Suijkerbuijk (19-6-2012), Nannette Jelluma (10-6-2010)
Co-supervision: Alice Bolner (9-12-2021), Wessel van Leeuwen (9-6-2022), Gabriella Darmasaputra (11-1-2024), Clément Rouillon (4-7-2024), Jan Dreyer (2-7-2025)

Courses & Trainings

2024: Media training by Mieke Pennock
2018: Media training by RFConsultant
2013: Academic leadership training and coaching program, Eva Wiltingh agency
2011: Valorisation (knowledge utilization) workshop of Utrecht University & UMC Utrecht

Other Academic Activities

Organisation panels scientific conferences

2025 EMBO Conference series on Cellular Signaling & Cancer Therapy (Cavtat, Croatia). Co-organizer.
2024 ERC synergy workshop on Aneuploidy (Utrecht, NL)
2022 ERC synergy workshop on Aneuploidy (Amsterdam, NL)
2018 Lorentz workshop on Evolution of Biomolecular Networks: Rules of the Game (Leiden, NL). Co-organizer, with Liedewij Laan, Michael Lynch, Juliette Azimzadeh and Erwin Frey.
2018 EMBO Conference series on Cellular Signaling & Cancer Therapy (Cavtat, Croatia). Co-organizer, with Maria Sibilia and Fiona Watt.
2018 Oncode Institute Theme Kick-off meeting (Amsterdam, NL). Organizer, with Roland Kanaar and Titia Sixma.
2016 Cancer Genomics Netherlands meeting on Genomic instability in cancer (Amsterdam, NL). Organizer, with René Medema and Puck Knipscheer.
2013 EMBO Workshop on 'Chromosome Segregation and Aneuploidy' (Breukelen, NL). Organizer, with Susanne Lens.
2010-2013 Annual 2-day International Masterclass of the CS&D graduate program.
2009 1st Dynamic Kinetochore Workshop (London, UK). Co-founder and co-organizer, with Andrew McAinsh and Patrick Meraldi.
2005 NVBMB Spring Symposium (Utrecht, NL). Organizer, with René Medema.

Board/Committee Memberships and Chairs

- BAC for selection of new KNAW president (2025)
- BAC for the appointment of new KNAW directorate (2024)
- Dutch Biology Council (2024-present)
- KWF Sounding Board Fundamental Research (2025-present)
- BAC Leerstoel 'Ondernemerschap in de life sciences' (2024-2025)
- UMC Utrecht – CMM PI recruitment panel (2025-2026)
- Advice Committee Center for Molecular Medicine (CMM) (2024-present)
- Supervisory board Foundation Honours Biomedical Sciences Utrecht (2024-present)
- Advisory Editorial Board member *Trends in Cell Biology* (2020-present)
- Editorial board *Cells* (2019-2023)

- Chair Onco Institute Research Management Committee (2018-2023)
- Member NWO-VICI grant panel (2023)
- Cancer Research UK Science Committee Expert Review Panel (2017, 2021, 2022)
- Member Protein Research study group of NWO Chemical Sciences (2017-2020)
- Member Steering committee Hubrecht Imaging Center (2015-2022)
- Editorial board *Molecular and Cellular Biology* (2017-2020)
- Member of tenure committee University of Copenhagen (2016, 2021)
- Member Scientific Council Dutch Cancer Society (KWF Kankerbestrijding) (2013-2019)
- Chair, U/Select Jury, Utrecht University (2017-2018)
- Advisory board Focus Program Cancer (Speerpunt Kanker), UMC Utrecht (2015-2019)
- Member PI recruitment committee, Hubrecht Institute (2016-2018)
- Member UU advisory committee ERC StG/CoG grant applicants (2011-2017)
- Member grant panel Netherlands Organisation for Scientific Research (NWO) ALW Open grants (2017)
- Executive Board Member of the Netherlands Proteomics Center (NPC) (2011-2015)
- Member of selection committee for Associate Directorship IRB, South Korea (2016)
- Member Grant Panel Norwegian Research Council (2013, 2015, 2016)
- Chair of Seminar Committee of the graduate program 'Cancer, Stem Cells and Developmental Biology' (CS&D) of Utrecht University: www.csnd.nl (2009-2012)
- Advisory board IT services, Division Biomedical Genetics, UMC Utrecht (2012-2013)
- Committee member Alexander Suerman program stipend (2012-2014)
- Various local advisory committees (Hubrecht Institute, UMC Utrecht, UU)
- Member of selection committee for awardance of NVBMB prize (2005, 2006)
- Member of committees advising and supervising PhD projects

Teaching

- Organizer of annual course on chromosome segregation, aneuploidy and cancer for the MSc program 'Cancer Genomics and Developmental Biology' of Utrecht University (2008-2020). *Prize for Best Master Course of the Utrecht Graduate School of Life Sciences, 2013.*
- Lecturer and coordinator of 'Biochemistry A' course, section 'Moleculen' (Molecules) for the BSc program Biomedical Sciences of Utrecht University (2009-2014)
- Lecturer of 'Molecular Mechanisms of Cancer' course, for the BSc program Biomedical Sciences of Utrecht University (2011-2014)
- Lecturer of 'Gezonde en Zieke Cellen I' course for BSc program Medicine of Utrecht University (2010-2013).
- Guest Lecturer for NVvO Basiscursus Oncologie (2011-2013)
- Master class for 'Signaling and Techniques in Immunology' of the MSc program 'Infections and Immunology' of Utrecht University (2010-present)
- Guest lecturer for various national and international MSc and PhD courses

Science Outreach

- Author chapter on 'DNA technieken' in the BMW booklet 'Kanker' (2022)
- KNAW career event (2020)
- Various activities in role of Scientific Director of Onco Institute (2018 - 2023)
- Organizer 1-day workshop for U-Talent course (High School) on Tumor Biology (2017 - 2022)
- Lecture for colon cancer Patient Society (2019)
- Interview BNR nieuwsradio (2019)
- Interview for NPO1 KWF StandUp2Cancer television broadcast (2018)
- Participant 'Meet the Professor' day for elementary schools (2017 - 2019)
- Interview BBC Newsday Radio of the BBC World Services (2017)
- Jury Junior Science Agenda (Junior wetenschapsagenda), Life Sciences (2016)
- Co-organisator/presenter of four Science Workshops for elementary school Annefrankschool, Bunnik, NL (2016)
- Essay 'Cancer's Chromosomal Chaos', published by Atomium Culture (<http://www.atomium-culture.ilsole24ore.com/?p=212>) (2014)

- Co-developer of teaching material on molecular mechanisms in cancer for high school level ('bovenbouw VWO'), together with the science education and communication company 'De Praktijk' (2014)
<http://www.allesoverdna.nl/de-gemene-deler.html>
- Lecturer at the 4th national day of the DNA-labs (2013)
- Lecturer for 'KWF vrijwilligers dag' in UMC Utrecht (2013 – 2014)
- Lecturer for 'Moleculen in Leven' (Molecules of Life) course of Junior College Utrecht (2008-2013).
- Expert panel member during Dag van DNA (Day of DNA), 100.000th student of the DNA labs (2012)
- Workshop Scientist for 'De Jonge Akademie on Wheels' (the Young Academy on Wheels), an initiative of the Royal Dutch Academy of Sciences (KNAW) that brings Science to high schools (2012)
- Co-creator of the educational film 'Spying on Cancer, of the Cancer Genomics Center (2012)
http://www.youtube.com/watch?v=uo_YfqdUkbY
- Guest-teacher Oosterlicht College, Nieuwegein. Theme: 'Life in the lab of a cancer researcher' (2009)
- Guestspeaker Career Speed Dating event during 'The Dynamic Cell' meeting, Edinburgh, UK (2009)
- Expert for webquest 'Kraak de code' (Break the Code) during symposium 'Het Genoom in Nederland' (The Genome in The Netherlands), oktober kennismaand (2008)

Other

- Research sabbatical at Fred Hutchinson Cancer Research Center, Seattle, USA (aug 2014 – jul 2015)
- Research Theme Leader (Cancer Proteomics Theme) of the Netherlands Proteomics Centre (NPC), part of the Netherlands Genomics Initiative. (2009-2013)
- Peer reviewer for various international journals (Nature, Science, Cell, Nat Cell Biol, Nat Struct Mol Biol, Mol Cell, Dev Cell, Cancer Discov, Curr Biol, MBoC, MCB, FEBS Lett, PNAS, J Cell Biol, EMBO J, others)
- Peer reviewer for various (inter)national grant foundations (e.g. NWO, KWF, ERC and various European national grant schemes)

Examiner International PhD theses

- 2024 Marica Ippolito, IFOM, Milan, Italy
- 2018 Nikolas Watson, Newcastle University, Newcastle, UK.
- 2018 Mihailo Mirkovic (Raquel Oliveira), Gulbenkian, Lisbon, Portugal
- 2012 Alicja Sochaj (Hardwick lab), University of Edinburgh, UK
- 2011 Ines Ferreira (Bettencourt-Dias lab), Gulbenkian, Lisbon, Portugal
- 2011 Hanna Schutz (Peters lab), IMP, Vienna, Austria
- 2011 Alexandra Bezler (Gonczy lab), EPFL, Lausanne, Switzerland

Teaching at international universities

- 2016 - PhD course, Wellcome Trust Center for Cell Biology, UK
- 2013 - PhD course, Gulbenkian, Lisbon, Portugal
PhD course, Karolinska Institute, Stockholm, Sweden
- 2012 - PhD course, University of Konstanz, Germany
- 2011 - PhD course, IBMC, Porto, Portugal

Invited Lectures

International

- 2027 Danish Cancer Institute seminar, Copenhagen, Denmark
- 2026 Gordon Research Conference on Centromere Biology, USA
FASEB meeting on Aneuploidy, Melbourne, FL, USA
Mitotic Spindle: from living and synthetic systems to theory, Dubrovnik, Croatia
76th Chromosome Instability 2024 meeting, India
ASCB/EMBO annual conference, San Diego, USA (declined)

- Karolinska Institute seminar, Stockholm, Sweden
University of Edinburgh seminar, Edinburgh, UK
Oxford University seminar, UK
- 2025 Salk Institute Cell Cycle Meeting, La Jolla, CA, USA
EMBO Conference Series 'Cellular Signaling & Molecular Medicine', Cavtat, Croatia
Chromosome segregation and Aneuploidy conference, Stresa, Italy (session chair)
Vienna BioCenter Seminar, Vienna, Austria
- 2024 7th Dynamic Kinetochore workshop, Caux, Switzerland
52nd Intl symposium of the Princess Takamatsu Cancer Research Fund, Tokyo, Japan
6th Chromosome Instability 2024 meeting, India
Jacques Monod Cell Cycle Conference, Roscoff, France
Forbeck Forum, Aspen (CO), USA
Seminar, IFOM institute, Milan, Italy
- 2023 Gordon Conference on Cell Growth and Proliferation, USA
ERC Synergy workshop, Zagreb, Croatia
- 2022 EMBO Conference Series 'Cellular Signaling & Molecular Medicine', Cavtat, Croatia
Chromosome segregation and Aneuploidy conference, Vienna, Austria
FASEB Aneuploidy meeting, USA
Chromosome Instability 2022 meeting, Trivandrum, India
Seminar at Helsinki University, Finland
Seminar (on-line) at Dartmouth College, USA
- 2021 Gordon Conference on Cell Growth and Proliferation, USA (cancelled due to COVID-19 pandemic)
TransColoCan meetings, Bucharest, Romania (on-line)
- 2020 Seminar, Dept Cell and Developmental Biology, NorthWestern University, USA (on-line)
Seminar at Helsinki University, Helsinki, Finland (cancelled due to COVID-19 pandemic)
EMBO Conference Series 'Cellular Signaling & Molecular Medicine', Cavtat, Croatia (cancelled due to COVID-19 pandemic)
Gordon Conference 'Socially Distant Centromere'
5th annual Chromosome Instability meeting, Trivandrum, India (cancelled due to COVID-19 pandemic)
Aneuploidy Zoom conference
- 2019 EMBO Workshop on Chromosome Segregation and Aneuploidy, Lisbon, Portugal
EMBO Workshop on Comparative Genomics of Eukaryotic Microbes, Sant Feliu, Spain
Conference on Mitotic spindle: From living and synthetic systems to theory, Split, Croatia
Workshop on Evolutionary Genomics, Vienna, Austria (declined)
International cell cycle meeting, Trieste, Italy
Seminar at National University, Galway, Ireland
Seminar at Newcastle University, Newcastle, UK
- 2018 EMBO/Royal Society meeting 'Using Genomic Comparisons to Understand Cellular Complexity in our Ancient Ancestors', Buckinghamshire, UK
Lorentz workshop on Evolution of Biomolecular Networks: Rules of the Game, Leiden, NL.
EMBO Conference series on Cellular Signaling & Molecular Medicine, Cavtat, Croatia.
CSH Asia meeting on DNA metabolism, genomic stability and human disease, Suzhou, China.
JMCB Symposium on Complex Diseases, Shanghai, China.
USTC Cellular Dynamics Conference, Hefei, China.
International Dictyostelium meeting, Egmond a/zee, NL
Seminar at Gulbenkian Institute, Lisbon, Portugal
Seminar at Life Sciences Institute, Zhejiang University, Hangzhou, China.
Seminar at IBMC, Porto, Portugal.
- 2017 5th Dynamic Kinetochore workshop, Edinburgh, Scotland
EMBO Conference series on DNA damage response, Cape Sounio, Greece

- ‘Advances in biomedical research’ conference, Split, Croatia
 Jaques Monod conference on the cell cycle, Roscoff, France
 Europhosphatases (declined)
 Seminar, Chromosome Biology Interest Group, Francis Crick Institute, UK
- 2016 Dynamics of the cytoskeleton workshop, Zagreb, Croatia
 EMBO Workshop on Chromosome Segregation and Aneuploidy, Galway, Ireland
 EMBO Conference Series ‘Cellular Signaling & Molecular Medicine’, Cavtat, Croatia
 "Causes and consequences of aneuploidy", *Fondation des Treilles*, France (declined)
 IBS symposium, Daejeon, Korea
 Seminar at MPI Dortmund, Germany
 Seminar, PhD program of the Wellcome Trust Center for Cell Biology, Edinburgh, UK
- 2015 Seminar Cancer Research UK Manchester Institute, Manchester, UK
 FASEB Conference on “Mitosis: Spindle Assembly and Function”, Big Sky, USA
 4th Dynamic Kinetochore workshop, Copenhagen, Denmark (declined)
 "Chromatin and Cell Fate" Conference, Essen, Germany
 Seminar at Memorial Sloan Kettering Cancer Center, New York City, USA
 Seminar at University of Pennsylvania, Philadelphia, USA
 Seminar at University of Virginia, Charlottesville, USA
- 2014 "The mechanisms and regulatory circuits mediating chromosome segregation", *Fondation des Treilles*, France
 CSHL meeting “The Cell Cycle”, CSHL, USA
 Seminar at Fred Hutchinson Cancer Research Center, Seattle, USA
 Seminar at the Institute for Cancer Research, Sutton/London, UK.
 Seminar at University of Oxford, UK
- 2013 108th International Titisee Conference on “Causes and Consequences of Aneuploidy”,
 Titisee, Germany
 The EMBO meeting, Amsterdam, NL
 "Meiosis and chromosome segregation - a mammalian perspective", Stockholm, Sweden
 FEBS advances lecture course “Molecular Mechanisms in Signal Transduction and Cancer”,
 Spetses, Greece
 3rd Dynamic Kinetochore workshop, Porto, Portugal
 CNIO Frontiers Meeting “Chromosome instability and aneuploidy in cancer: from
 mechanisms to therapeutics”, Madrid, Spain
 Biochem Society Conference ‘Exploring kinomes: Pseudokinases and Beyond’, Cambridge, UK
 Seminar at University of Warwick, UK
 Seminar, Karolinska Institute, Stockholm, Sweden
 Seminar at Gulbenkian Institute of Science, Lisbon, Portugal
- 2012 Jacques Monod Conference ‘Cell division: from single molecule mechanics to multicellular
 organisms’, Roscoff, France
 EMBO Workshop on Structure, Function and Regulation of Centromeres and Kinetochores,
 Barcelona, Spain
 EMBO Conference Series ‘Cellular Signaling & Molecular Medicine’, Cavtat, Croatia
 Seminar at University of Edinburgh, UK
 Seminar at University of Konstanz, Germany
- 2011 ‘Cell Cycle Regulators/Inhibitors and Cancer’ Conference, Vienna, Austria
 2nd Dynamic Kinetochore Workshop, Vienna, Austria
 Annual Meeting of the German Society for Cell Biology (DGZ), Bonn, Germany
 ‘Cell Cycle & Proliferation’ Workshop, Helsinki, Finland
 (feb) Seminar at Gulbenkian Institute of Science, Lisbon, Portugal
 (dec) Seminar at Gulbenkian Institute of Science, Lisbon, Portugal
 Seminar at EPFL, Lausanne, Sui
 Seminar at VTT, Turku, Finland
 Seminar at IBMC, Porto, Portugal

- Seminar at IMP, Vienna, Austria
- 2010 CGC Meeting on 'Molecular Mechanisms of Signal Transduction and Cancer' Amsterdam, NL
 'Targeted Cancer Therapy' Symposium, Heidelberg, Germany
 ISCO Congress of the International Society for Cellular Oncology, Dresden, Germany
 EMBO Workshop on Chromosome Segregation and Aneuploidy, Edinburgh, UK
 Jacques Monod Conference 'Cell division: Space and Time', Roscoff, France
 Seminar at Mayo Clinic, Rochester, MN, USA
 Seminar at Harvard Systems Biology Cambridge, MA, USA
 Seminar at Whitehead Inst, Cambridge, USA
 Seminar at Oslo University Hospital, Oslo, Norway
- 2009 'The Dynamic Cell', Joint Meeting of the Biochemical Society and the British Society for Cell
 Biology, University of Edinburgh, UK
 1st Dynamic Kinetochores Workshop, London, UK
 'Mitosis and Cancer' Symposium, Amsterdam, NL
 Seminar at BRIC, Copenhagen, DK
- 2008 XX International Congress of Genetics, Berlin, Germany
 ISCO Congress 2008 of the International Society for Cellular Oncology, Amsterdam, NL
 Seminar at Cancer Research UK, London, UK
 Seminar at Friedrich Miescher Institute, Tübingen, Germany
- Prior to 2008 7th International Chromosome Segregation and Aneuploidy Workshop, Turku, Finland
 Seminar at Max Planck Institute, Martinsried, Germany
 Seminar at CNRS, Montpellier, France
 1st Young Investigator Recruitment Symposium (YIRS), IRIC, Montreal, Canada.
 Seminar at Dept of Pathology and Cell Biology, University of Montreal, Montreal, Canada
 Seminar at Nervianoms, Milan, Italy
 Nature Biotech Winter Symposium 'The Cell Cycle, Chromosomes and Cancer', Miami, USA
 ISREC conference: 'Cancer and the cell cycle', Lausanne, Switzerland
 Salk 16th annual meeting on oncogenes, La Jolla, USA
 NATO/FEBS Workshop 'Molecular Mechanisms of Signal Transduction', Spetses, Greece

National

- 2025 Keynote lecture, Princess Máxima Center institute retreat
- 2024 NWO-Life 2024 Conference
- 2023 Oncologie Congres, Utrecht
- 2022 Princess Máxima Center seminar
 UMCG PhD retreat Keynote Lecture
 S4L café seminar, Utrecht
- 2021 KeyNote seminar Utrecht Life Sciences MSc intro day
- 2020 NKI Seminar, NKI-AvL, Amsterdam (virtual, due to coronavirus pandemic)
- 2019 Seminar, NVBMB symposium, Utrecht
 Seminar, Epigenetic and transcriptional regulation workshop, Radboud UMC
 Seminar, Yearly congress of GBB research institute, University of Groningen
 2nd congress of the Netherlands Society for Evolutionary Biology (NLSEB)
- 2018 Seminar, LUMC Leiden
 UBC symposium, Utrecht
 Figo Dutch Medicine Days, Ede
- 2017 Bionanoscience department seminar, TU Delft
 Aneuploidy symposium, ERIBA, Groningen
- 2016 Enovate symposium, UMC Utrecht
 RIMLS Seminar, Radboud University Nijmegen
- 2015 Van Leeuwenhoek lecture, Leiden University

2014	Hidden stories in DNA symposium, Utrecht University CHAINS (NWO chemical sciences meeting), Velthoven NVvO symposium, Utrecht
2013	Cancer Genomics Netherlands Kick-off meeting Molecular Medicine seminar, ERIBA, Groningen Oncology Seminars, AMC, Amsterdam NKI Seminar, NKI-AvL, Amsterdam CS&D Masterclass, Doorwerth
2010	NPC progress meeting, Utrecht
2009	CBG Progress meeting, Amsterdam
2008	Pathology Seminar, UMC Utrecht Biomolecular Mass Spectrometry seminar, Utrecht
2007	Life Sciences Seminar, Utrecht
2006	NKI-AvL Seminar, NKI, Amsterdam OOB Seminar, Hubrecht Institute, Utrecht AMC Amsterdam
1999	NWO-CW meeting, Lunteren 2 nd growth control and membrane signaling meeting, Utrecht

Publications

2025	117. Ali ED, Raas MWD, Van Rooijen LE, Alcaraz PS, Vos HR, Tromer EC, Snel B, Kops GJPL. Unconventional components complement the cryptic kinetochore of <i>Tetrahymena thermophila</i>. <i>BioRxiv</i>. doi: 10.1101/2025.11.28.691167 116. Lafirenze S, Van Gerwen B, Quirindongo AI, Janssen A, Etemad B, Toonen P, Hoevenaar WHM, Costermans N, Youssef S, De Bruin A, Brosens LAA, Jelluma N, Kops GJPL. Non-cell-autonomous mechanisms of tumor initiation and relapse by chromosomal instability. <i>BioRxiv</i>. doi: 10.1101/2025.10.31.685838 115. Marques JF, Louro MAD, Davoli T, Kops GJPL. Cancer type-specific association of p53 deficiency with aneuploidy and chromosome losses. <i>BioRxiv</i>. doi: 10.1101/2025.07.04.663162 114. Salinas-Luypaert C, Dubocanin D, Lee RJ, Ruiz LA, Gamba R, Grison M, Velikovskiy L, Angrisani A, Scelfo A, Xu Y, Dumont M, Barra V, Wilhelm T, Velasco G, Losito M, Wardenaar R, Francastel C, Foijer F, Kops GJPL, Miga KH, Altemose N, Fachinetti D. DNA methylation influences human centromere positioning and function. <i>Nat Genet</i> 57 (2025) 2509-2521. 113. Constantinides A, Lansu N, Mosen P, Rauwerdink P, Strating E, Völlmy F, Nederend M, Leusen JHW, Rovers K, Wassenaar E, Lurvink R, Altelaar M, Nienhuijs S, Wiezer R, Borel Rinkes IHM, Boerma D, Kops GJPL, de Hingh I, Kranenburg O. Treatment of colorectal peritoneal metastases with oxaliplatin induces biomarkers predicting response to immune checkpoint blockade. <i>Transl Oncol</i>. 59 (2025). 102464.
2024	112. Ruiz LA, Kops GJPL, Sacristan C. Vertebrate centromere architecture: from chromatin threads to functional structures. <i>Chromosoma</i> (2024), doi:10.1007/s00412-024-00823-z. 111. Sacristan S, Samejima K, Ruiz LA, Beb M, Lambers MLA, Buckle A, Brackley CA, Robertson D, Hori T, Webb S, Kiewisz R, Bepler T, Van Kwawegen E, Risteki P, Vukušić K, Tolić IM, Müller-Reichert T, Fukagawa T, Gilbert N, Marenduzzo D, Earnshaw WC*, Kops GJPL*. Vertebrate centromeres in mitosis are functionally bipartite structures stabilized by cohesion. <i>Cell</i> 187 (2024), P3006-3023.E26. <i>*joint senior authors</i> <i>Highlighted in:</i> <i>Dispatch:</i> Bloom, K. Chromosome segregation: brushing up on centromeres. <i>Curr Biol</i> 34 (2024), R565-R567.

110. Almeida AC, Rocha H, Raas MWD, Witte H, Sommer RJ, Snel B, **Kops GJPL**, Gassmann R, Maiato H. An evolutionary perspective on the relationship between kinetochore size and CENP-E dependence for chromosome alignment. *J Cell Sci.* **137** (2024), jcs263466.

109. Richards TA, Eme L, Archibald JM, Leonard G, Coelho SM, de Mendoza A, Dessimoz C, Dolezal P, Fritz-Laylin LK, Gabaldón T, Hampl V, **Kops GJPL**, Leger MM, Lopez-Garcia P, McInerney JO, Moreira D, Muñoz-Gómez SA, Richter DJ, Ruiz-Trillo I, Santoro AE, Sebé-Pedrós A, Snel B, Stairs CW, Tromer EC, van Hooff JJE, Wickstead B, Williams TA, Roger AJ, Dacks JB, Wideman JG. Reconstructing the last common ancestor of all eukaryotes. *PLoS Biol.* **22** (2024), e3002917

108. Chavli EA, Klaasen SJ, Van Opstal D, **Kops GJPL***, Baart EB*. Single-cell DNA sequencing reveals a high incidence of numerical and structural chromosomal abnormalities in inner cell mass and trophectoderm of human blastocysts. *J Clin Invest* **134** (2024). e174483. *joint senior authors

Highlighted in:

Commentary: Robertson and Richards. Single cell sequencing shows mosaic aneuploidy in most human embryos. *J Clin Invest* **134** (2024), e179134.

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