

2023

[Impact of BMI in Patients With Early Hormone Receptor-Positive Breast Cancer Receiving Endocrine Therapy With or Without Palbociclib in the PALLAS Trial.](#)

Pfeiler G, Hlauschek D, Mayer EL, Deutschmann C, Kacarovsky-Strobl S, Martin M, Meisel JL, Zdenkowski N, Loibl S, Balic M, Park H, Prat A, Isaacs C, Bajetta E, Balko JM, Bellet-Ezquerria M, Bliss J, Burstein H, Cardoso F, Fohler H, Foukakis T, Gelmon KA, Goetz M, Haddad TC, Iwata H, Jassem J, Lee SC, Linderholm B, Los M, Mamounas EP, Miller KD, Morris PG, Munzone E, Gal-Yam EN, Ring A, Shepherd L, Singer C, Thomssen C, Tseng LM, Valagussa P, Winer EP, Wolff AC, Zoppoli G, Machacek-Link J, Schurmans C, Huang X, Gauthier E, Fesl C, Dueck AC, DeMichele A, Gnant M,

J Clin Oncol 2023 Nov;41(33):5118-5130

[Long-term outcome after surgical resection of non-high-risk gastrointestinal stromal tumours without adjuvant therapy.](#)

Berndsen M, Renberg S, Hølmekbakk T, Hancke E, Puls F, Karlsson F, Stoldt S, Bjerkehagen B, Haglund de Flon F, Muth A, Papakonstantinou A, Boye K, Lindskog S
Br J Surg 2023 Nov;110(12):1857-1862

[A Multi-Stain Breast Cancer Histological Whole-Slide-Image Data Set from Routine Diagnostics.](#)

Weitz P, Valkonen M, Solorzano L, Carr C, Kartasalo K, Boissin C, Koivukoski S, Kuusela A, Rasic D, Feng Y, Sinius Pouplier S, Sharma A, Ledesma Eriksson K, Latonen L, Laenholm AV, Hartman J, Ruusuvoori P, Rantalainen M

Sci Data 2023 Aug;10(1):562

[Sarcoma care in the era of precision medicine.](#)

Wallander K, Öfverholm I, Boye K, Tsagkozis P, Papakonstantinou A, Lin Y, Haglund de Flon F

J Intern Med 2023 Dec;294(6):690-707

[Melanoma-specific survival before and after inclusion in a familial melanoma dermatologic surveillance program in CDKN2A mutation carriers and non-carriers.](#)

Pissa M, Lapins J, Sköldmark C, Helgadottir H

J Eur Acad Dermatol Venereol 2023 Feb;37(2):284-292

[Transcriptional intra-tumour heterogeneity predicted by deep learning in routine breast histopathology slides provides independent prognostic information.](#)

Wang Y, Ali MA, Vallon-Christersson J, Humphreys K, Hartman J, Rantalainen M

Eur J Cancer 2023 Sep;191():112953

[Effect of Disulfiram and Copper Plus Chemotherapy vs Chemotherapy Alone on Survival in Patients With Recurrent Glioblastoma: A Randomized Clinical Trial.](#)

Werlenius K, Kinhult S, Solheim TS, Magelssen H, Löfgren D, Mudaisi M, Hylén S, Bartek J, Strandéus M, Lindskog M, Rashid HB, Carstam L, Gulati S, Solheim O, Bartek J, Salvesen Ø, Jakola AS

JAMA Netw Open 2023 Mar;6(3):e234149

[Optimizing the Pairs of Radiologists That Double Read Screening Mammograms.](#)

Gommers JJJ, Abbey CK, Strand F, Taylor-Phillips S, Jenkinson DJ, Larsen M, Hofvind S, Sechopoulos I, Broeders MJM

Radiology 2023 Oct;309(1):e222691

[Human Epidermal Growth Factor Receptor 2-Targeting \[68Ga\]Ga-ABY-025 PET/CT Predicts Early Metabolic Response in Metastatic Breast Cancer.](#)

Alhuseinalkhudhur A, Lindman H, Liss P, Sundin T, Frejd FY, Hartman J, Iyer V, Feldwisch J, Lubberink M, Rönnlund C, Tolmachev V, Velikyan I, Sörensen J

J Nucl Med 2023 Sep;64(9):1364-1370

[Radiotherapy to regional nodes in early breast cancer: an individual patient data meta-analysis of 14 324 women in 16 trials.](#)

Lancet 2023 Nov;402(10416):1991-2003

[The drug efficacy testing in 3D cultures platform identifies effective drugs for ovarian cancer patients.](#)

Åkerlund E, Gudoityte G, Moussaud-Lamodière E, Lind O, Bwanika HC, Lehti K, Salehi S, Carlson J, Wallin E, Fernebro J, Östling P, Kallioniemi O, Joneborg U, Seashore-Ludlow B

NPJ Precis Oncol 2023 Oct;7(1):111

[Diagnostic Yield From a Nationwide Implementation of Precision Medicine for all Children With Cancer.](#)

Wadensten E, Wessman S, Abel F, Diaz De Ståhl T, Tesi B, Orsmark Pietras C, Arvidsson L, Taylan F, Fransson S, Vogt H, Poluha A, Pradhananga S, Hellberg M, Lagerstedt-Robinson K, Raj Somarajan P, Samuelsson S, Orrsjö S, Maqbool K, Henning K, Strid T, Ek T, Fagman H, Olsson Bontell T, Martinsson T, Puls F, Kogner P, Wirta V, Pronk CJ, Wille J, Rosenquist R, Nistér M, Mertens F, Sabel M, Norén-Nyström U, Grillner P, Nordgren A, Ljungman G, Sandgren J, Gisselsson D,

JCO Precis Oncol 2023 Jun;7():e2300039

[Concomitant Discontinuation of Cardiovascular Therapy and Adjuvant Hormone Therapy Among Patients With Breast Cancer.](#)

He W, Zeng E, Sjölander A, Hübbert L, Hedayati E, Czene K
JAMA Netw Open 2023 Jul;6(7):e2323752

[FBXL12 degrades FANCD2 to regulate replication recovery and promote cancer cell survival under conditions of replication stress.](#)

Brunner A, Li Q, Fisicaro S, Kourtesakis A, Viiliäinen J, Johansson HJ, Pandey V, Mayank AK, Lehtiö J, Wohlschlegel JA, Spruck C, Rantala JK, Orre LM, Sangfelt O
Mol Cell 2023 Oct;83(20):3720–3739.e8

[Artificial intelligence for breast cancer detection in screening mammography in Sweden: a prospective, population-based, paired-reader, non-inferiority study.](#)

Dembrower K, Crippa A, Colón E, Eklund M, Strand F,
Lancet Digit Health 2023 Oct;5(10):e703–e711

[Zanubrutinib or Ibrutinib in Relapsed or Refractory Chronic Lymphocytic Leukemia.](#)

Brown JR, Eichhorst B, Hillmen P, Jurczak W, Kaźmierczak M, Lamanna N, O'Brien SM, Tam CS, Qiu L, Zhou K, Simkovic M, Mayer J, Gillespie-Twardy A, Ferrajoli A, Ganly PS, Weinkove R, Grosicki S, Mital A, Robak T, Osterborg A, Yimer HA, Salmi T, Wang MD, Fu L, Li J, Wu K, Cohen A, Shadman M
N Engl J Med 2023 Jan;388(4):319–332

[Harnessing T cell exhaustion and trogocytosis to isolate patient-derived tumor-specific TCR.](#)

Manfredi F, Stasi L, Buonanno S, Marzuttini F, Noviello M, Mastaglio S, Abbati D, Potenza A, Balestrieri C, Cianciotti BC, Tassi E, Feola S, Toffalori C, Punta M, Magnani Z, Camisa B, Tiziano E, Lupo-Stanghellini MT, Branca RM, Lehtiö J, Sikanen TM, Haapala MJ, Cerullo V, Casucci M, Vago L, Ciceri F, Bonini C, Ruggiero E
Sci Adv 2023 Dec;9(48):eadg8014

[Distinguishing between thyroid and parathyroid nodules by ultrasound: a potential game-changer in clinical practice?](#)

Juhlin CC, Zedenius J
Lancet Reg Health Eur 2023 Dec;35():100769

[Assessing the Impact of Positive Surgical Margins on Mortality in Patients Who Underwent Robotic Radical Prostatectomy: 20 Years' Report from the EAU Robotic Urology Section Scientific Working Group.](#)

Pellegrino F, Falagario UG, Knipper S, Martini A, Akre O, Egevad L, Aly M, Moschovas MC, Bravi CA, Tran J, Heiniger Y, von Kempis A, Schaffar R, Carrieri G, Briganti A, Montorsi F, RoCHAT CH, Mottrie A, Ahlering TE, John H, Patel V, Graefen

M, Wiklund P,
Eur Urol Oncol 2023 Dec;():

[A clinical perspective on ectopic Cushing's syndrome.](#)

Ragnarsson O, Juhlin CC, Torpy DJ, Falhammar H
Trends Endocrinol Metab 2024 Apr;35(4):347–360

[Spatial transcriptomics of B cell and T cell receptors reveals lymphocyte clonal dynamics.](#)

Engblom C, Thrane K, Lin Q, Andersson A, Toosi H, Chen X, Steiner E, Lu C, Mantovani G, Hagemann–Jensen M, Saarenpää S, Jangard M, Saez–Rodriguez J, Michaëlsson J, Hartman J, Lagergren J, Mold JE, Lundeberg J, Frisén J
Science 2023 Dec;382(6675):eadf8486

[Precision cancer medicine: Concepts, current practice, and future developments.](#)

Edsjö A, Holmquist L, Georger B, Nowak F, Gomon G, Alix–Panabières C, Ploeger C, Lassen U, Le Tourneau C, Lehtiö J, Ott PA, von Deimling A, Fröhling S, Voest E, Klauschen F, Dienstmann R, Alshibany A, Siu LL, Stenzinger A
J Intern Med 2023 Oct;294(4):455–481

[Development of mesothelioma-specific oncolytic immunotherapy enabled by immunopeptidomics of murine and human mesothelioma tumors.](#)

Chiaro J, Antignani G, Feola S, Feodoroff M, Martins B, Cojoc H, Russo S, Fuscillo M, Hamdan F, Ferrari V, Ciampi D, Ilonen I, Räsänen J, Mäyränpää M, Partanen J, Koskela S, Honkanen J, Halonen J, Kuryk L, Rescigno M, Grönholm M, Branca RM, Lehtiö J, Cerullo V
Nat Commun 2023 Nov;14(1):7056

[Targeted Silencing of NRF2 by rituximab-conjugated nanoparticles increases the sensitivity of chronic lymphoblastic leukemia cells to Cyclophosphamide.](#)

Khodakarami A, Kashani MA, Nazer A, Kheshti AM, Rashidi B, Karpisheh V, Masjedi A, Abolhasani S, Izadi S, Bagherifar R, Hejazian SS, Mohammadi H, Movassaghpour A, Feizi AAH, Hojjat–Farsangi M, Jadidi–Niaragh F
Cell Commun Signal 2023 Aug;21(1):188

[Antioxidants stimulate BACH1-dependent tumor angiogenesis.](#)

Wang T, Dong Y, Huang Z, Zhang G, Zhao Y, Yao H, Hu J, Tüksammel E, Cai H, Liang N, Xu X, Yang X, Schmidt S, Qiao X, Schlisio S, Strömblad S, Qian H, Jiang C, Treuter E, Bergo MO
J Clin Invest 2023 Oct;133(20):

[Pannexin 1 regulates CD8+ T cell function and memory formation.](#)

Cruz De Los Santos M, Lundqvist A

Nat Rev Immunol 2023 Aug;23(8):478

[FXD3 functionally demarcates an ancestral breast cancer stem cell](#)

[subpopulation with features of drug-tolerant persisters.](#)

Li M, Nishimura T, Takeuchi Y, Hongu T, Wang Y, Shiokawa D, Wang K, Hirose H, Sasahara A, Yano M, Ishikawa S, Inokuchi M, Ota T, Tanabe M, Tada KI, Akiyama T, Cheng X, Liu CC, Yamashita T, Sugano S, Uchida Y, Chiba T, Asahara H, Nakagawa M, Sato S, Miyagi Y, Shimamura T, Nagai LAE, Kanai A, Katoh M, Nomura S, Nakato R, Suzuki Y, Tojo A, Voon DC, Ogawa S, Okamoto K, Foukakis T, Gotoh N

J Clin Invest 2023 Nov;133(22):

[VEGF-C-expressing TAMs rewire the metastatic fate of breast cancer cells.](#)

Banerjee K, Kerzel T, Bekkhus T, de Souza Ferreira S, Wallmann T, Wallerius M, Landwehr LS, Agardy DA, Schauer N, Malmerfeldt A, Bergh J, Bartish M, Hartman J, Östman A, Squadrito ML, Rolny C

Cell Rep 2023 Dec;42(12):113507

[Impact of Minimal Residual Disease on Progression-Free Survival Outcomes After Fixed-Duration Ibrutinib-Venetoclax Versus Chlorambucil-Obinutuzumab in the GLOW Study.](#)

Munir T, Moreno C, Owen C, Follows G, Benjamini O, Janssens A, Levin MD, Osterborg A, Robak T, Simkovic M, Stevens D, Voloshin S, Vorobyev V, Yagci M, Ysebaert L, Qi K, Qi Q, Parisi L, Srinivasan S, Schuier N, Baeten K, Howes A, Caces DB, Niemann CU, Kater AP

J Clin Oncol 2023 Jul;41(21):3689–3699

[Feasibility of Coacervate-Like Nanostructure for Instant Drug Nanoformulation.](#)

Zhu GH, Azharuddin M, Pramanik B, Roberg K, Biswas SK, D'arcy P, Lu M, Kaur A, Chen A, Dhara AK, Chivu A, Zhuang Y, Baker A, Liu X, Fairen-Jimenez D, Mazumder B, Chen R, Kaminski CF, Kaminski Schierle GS, Hinkula J, Slater NKH, Patra HK

ACS Appl Mater Interfaces 2023 Apr;15(14):17485–17494

[Comprehensive proteomics and meta-analysis of COVID-19 host response.](#)

Babačić H, Christ W, Araújo JE, Mermelekas G, Sharma N, Tynell J, García M, Varnaite R, Asgeirsson H, Glans H, Lehtiö J, Gredmark-Russ S, Klingström J, Pernemalm M

Nat Commun 2023 Sep;14(1):5921

[A noncanonical enzymatic function of PIWIL4 maintains genomic integrity and leukemic growth in AML.](#)

Bamezai S, Pulikkottil AJ, Yadav T, Vegi NM, Mueller J, Mark J, Mandal T, Feder K, Ihme S, Song C, Rosler R, Wiese S, Hoell JI, Kloetgen A, Karsan A, Kumari A, Wojenski L, Sinha AU, Gonzalez-Menendez I, Quintanilla-Martinez L, Donato E, Trumpp A, Kruse E, Hamperl S, Zou L, Rawat VPS, Buske C
Blood 2023 Jul;142(1):90-105

[Prostate Cancer-specific and All-cause Mortality After Robot-assisted Radical Prostatectomy: 20 Years' Report from the European Association of Urology Robotic Urology Section Scientific Working Group.](#)

Falagarino UG, Knipper S, Pellegrino F, Martini A, Akre O, Egevad L, Grönberg H, Moschovas MC, Bravi CA, Tran J, Heiniger Y, von Kempis A, Schaffar R, Carrieri G, Rochat CH, Mottrie A, Ahlering TE, John H, Patel V, Graefen M, Wiklund P,
Eur Urol Oncol 2023 Sep;():

[Standalone AI for Breast Cancer Detection at Screening Digital Mammography and Digital Breast Tomosynthesis: A Systematic Review and Meta-Analysis.](#)

Yoon JH, Strand F, Baltzer PAT, Conant EF, Gilbert FJ, Lehman CD, Morris EA, Mullen LA, Nishikawa RM, Sharma N, Vejborg I, Moy L, Mann RM
Radiology 2023 Jun;307(5):e222639

[Metastatic colorectal cancer: ESMO Clinical Practice Guideline for diagnosis, treatment and follow-up.](#)

Cervantes A, Adam R, Roselló S, Arnold D, Normanno N, Taïeb J, Seligmann J, De Baere T, Osterlund P, Yoshino T, Martinelli E,
Ann Oncol 2023 Jan;34(1):10-32

[Real-world assessment of immunogenicity in immunocompromised individuals following SARS-CoV-2 mRNA vaccination: a one-year follow-up of the prospective clinical trial COVAXID.](#)

Chen P, Bergman P, Blennow O, Hansson L, Mielke S, Nowak P, Söderdahl G, Österborg A, Smith CIE, Vesterbacka J, Wullimann D, Cuapio A, Akber M, Bogdanovic G, Muschiol S, Åberg M, Loré K, Sällberg Chen M, Buggert M, Ljungman P, Aleman S, Ljunggren HG
EBioMedicine 2023 Aug;94():104700

[Estimated Prevalence, Tumor Spectrum, and Neurofibromatosis Type 1-Like Phenotype of CDKN2A-Related Melanoma-Astrocytoma Syndrome.](#)

Sargen MR, Kim J, Potjer TP, Velthuizen ME, Martir-Negron AE, Odia Y, Helgadottir H, Hatton JN, Haley JS, Thone G, Widemann BC, Gross AM, Yohe ME, Kaplan RN, Shern JF, Sundby RT, Astiazaran-Symonds E, Yang XR, Carey DJ, Tucker MA, Stewart DR, Goldstein AM
JAMA Dermatol 2023 Aug;():

[Additive effects of booster mRNA vaccination and SARS-CoV-2 Omicron infection on T cell immunity across immunocompromised states.](#)

Müller TR, Sekine T, Trubach D, Niessl J, Chen P, Bergman P, Blennow O, Hansson L, Mielke S, Nowak P, Vesterbacka J, Akber M, Olofsson A, Amaya Hernandez SP, Gao Y, Cai C, Söderdahl G, Smith CIE, Österborg A, Loré K, Sällberg Chen M, Ljungman P, Ljunggren HG, Karlsson AC, Saini SK, Aleman S, Buggert M
Sci Transl Med 2023 Jul;15(704):eadg9452

[The prognostic and therapeutic potential of HO-1 in leukemia and MDS.](#)

Sadeghi M, Fathi M, Gholizadeh Navashenaq J, Mohammadi H, Yousefi M, Hojjat-Farsangi M, Namdar A, Movasaghpour Akbari AA, Jadidi-Niaragh F
Cell Commun Signal 2023 Mar;21(1):57

[Resectability and resection rates of colorectal liver metastases according to RAS and BRAF mutational status: prospective study.](#)

Uutela A, Nordin A, Osterlund E, Halonen P, Kallio R, Soveri LM, Salminen T, Ålgars A, Ristimäki A, Ovissi A, Lamminmäki A, Muhonen T, Kononen J, Ristamäki R, Heervä E, Stedt H, Lehtomäki K, Kytölä S, Sundström J, Mäkinen MJ, Nieminen L, Kuopio T, Keinänen M, Osterlund P, Isoniemi H,
Br J Surg 2023 Jul;110(8):931-935

[Breeze 2.0: an interactive web-tool for visual analysis and comparison of drug response data.](#)

Potdar S, Ianevski F, Ianevski A, Tanoli Z, Wennerberg K, Seashore-Ludlow B, Kallioniemi O, Östling P, Aittokallio T, Saarela J
Nucleic Acids Res 2023 Jul;51(W1):W57-W61

[Luteolin-Loaded Nanoparticles for the Treatment of Melanoma.](#)

Fu QT, Zhong XQ, Chen MY, Gu JY, Zhao J, Yu DH, Tan F
Int J Nanomedicine 2023 ;18():2053-2068

[An idiosyncratic zonated stroma encapsulates desmoplastic liver metastases and originates from injured liver.](#)

Fernández Moro C, Geyer N, Harrizi S, Hamidi Y, Söderqvist S, Kuznyecov D, Tidholm Qvist E, Salmonson Schaad M, Hermann L, Lindberg A, Heuchel RL, Martín-Bernabé A, Dhanjal S, Navis AC, Villard C, Del Valle AC, Bozóky L, Sparrelid E, Dirix L, Strell C, Östman A, Schmierer B, Vermeulen PB, Engstrand J, Bozóky B, Gerling M
Nat Commun 2023 Aug;14(1):5024

[The VE-cadherin/AmotL2 mechanosensory pathway suppresses aortic inflammation and the formation of abdominal aortic aneurysms](#)

Zhang Y, Zhang Y, Hutterer E, Hultin S, Bergman O, Kolbeinsdottir S, Jin H, Forteza MJ, Ketelhuth DFJ, Roy J, Hedin U, Enge M, Matic L, Eriksson P, Holmgren L
Nat Cardiovasc Res 29 June 2023

[Formate overflow drives toxic folate trapping in MTHFD1 inhibited cancer cells.](#)

Green AC, Marttila P, Kiweler N, Chalkiadaki C, Wiita E, Cookson V, Lesur A, Eiden K, Bernardin F, Vallin KSA, Borhade S, Long M, Ghahe EK, Jiménez-Alonso JJ, Jemth AS, Loseva O, Mortusewicz O, Meyers M, Viry E, Johansson AI, Hodek O, Homan E, Bonagas N, Ramos L, Sandberg L, Frödin M, Moussay E, Slipicevic A, Letellier E, Paggetti J, Sørensen CS, Helleday T, Henriksson M, Meiser J
Nat Metab 2023 Apr;5(4):642–659

[The Nodewalk assay to quantitate chromatin fiber interactomes in very small cell populations.](#)

Vestlund J, Sumida N, Mehmood R, Bhartiya D, Wu S, Göndör A
Nat Protoc 2023 Mar;18(3):755–782

[NUDT22 promotes cancer growth through pyrimidine salvage.](#)

Walter M, Mayr F, Hanna BMF, Cookson V, Mortusewicz O, Helleday T, Herr P
Oncogene 2023 Apr;42(16):1282–1293

[Characterization of Bone Marrow Niche in Chronic Myeloid Leukemia Patients Identifies CXCL14 as a New Therapeutic Option.](#)

Dolinska M, Cai H, Mansson A, Shen J, Xiao P, Boudierlique T, Li X, Leonard E, Chang M, Gao Y, Medina Giménez JP, Kondo M, Sandhow L, Johansson AS, Deneberg S, Söderlund S, Jädersten M, Ungerstedt JS, Tobiasson M, Östman A, Mustjoki S, Stenke L, Le Blanc K, Hellstrom-Lindberg ES, Lehmann S, Ekblom M, Olsson-Strömberg U, Sigvardsson M, Qian H
Blood 2023 Apr;():

[Avelumab First-Line Maintenance for Advanced Urothelial Carcinoma: Results From the JAVELIN Bladder 100 Trial After ≥2 Years of Follow-Up.](#)

Powles T, Park SH, Caserta C, Valderrama BP, Gurney H, Ullén A, Lorient Y, Sridhar SS, Sternberg CN, Bellmunt J, Aragon-Ching JB, Wang J, Huang B, Laliberte RJ, di Pietro A, Grivas P
J Clin Oncol 2023 Apr;():JCO2201792

[Avelumab First-line Maintenance Therapy for Advanced Urothelial Carcinoma: Comprehensive Clinical Subgroup Analyses from the JAVELIN Bladder 100 Phase 3 Trial.](#)

Grivas P, Park SH, Voog E, Caserta C, Gurney H, Bellmunt J, Kalofonos H, Ullén A, Lorient Y, Sridhar SS, Yamamoto Y, Petrylak DP, Sternberg CN, Gupta S, Huang B,

Costa N, Laliberte RJ, di Pietro A, Valderrama BP, Powles T
Eur Urol 2023 Apr;():

[Landscape of neoadjuvant therapy in HER2-positive breast cancer: a systematic review and network meta-analysis.](#)

Villacampa G, Matikas A, Oliveira M, Prat A, Pascual T, Papakonstantinou A
Eur J Cancer 2023 Apr;():

[Clonal hematopoiesis in the donor does not adversely affect long-term outcomes following allogeneic hematopoietic stem cell transplantation: result from 13-year followup.](#)

Kim KH, Kim T, Novitzky-Basso I, Lee H, Yoo Y, Ahn JS, Pasic I, Law A, Lam W, Michelis FV, Gerbitz A, Viswabandya A, Lipton J, Kumar R, Mattsson J, Zhang Z, Kaushansky N, Brilon Y, Chapal-Ilani N, Biezuner T, Shlush LI, Kim DDH
Haematologica 2023 Feb;():

[Spatially resolved transcriptomic profiling of degraded and challenging fresh frozen samples.](#)

Mirzazadeh R, Andrusivova Z, Larsson L, Newton PT, Galicia LA, Abalo XM, Avijgan M, Kvastad L, Denadai-Souza A, Stakenborg N, Firsova AB, Shamikh A, Jurek A, Schultz N, Nistér M, Samakovlis C, Boeckxstaens G, Lundeberg J
Nat Commun 2023 Jan;14(1):509

[FPR2 Shapes an Immune-Excluded Pancreatic Tumor Microenvironment and Drives T-cell Exhaustion in a Sex-Dependent Manner.](#)

He F, Tay AHM, Calandigary A, Malki E, Suzuki S, Liu T, Wang Q, Fernández-Moro C, Kaisso M, Olofsson-Sahl P, Melssen M, Sze SK, Björnstedt M, Löhr MJ, Karlsson MCI, Heuchel R, Sarhan D
Cancer Res 2023 May;83(10):1628-1645

[The role of eIF4F-driven mRNA translation in regulating the tumour microenvironment.](#)

Bartish M, Abraham MJ, Gonçalves C, Larsson O, Rolny C, Del Rincón SV
Nat Rev Cancer 2023 Jun;23(6):408-425

[Pancreatitis points to key role of dendritic cells in pancreatic cancer.](#)

Baldran-Groves L, Melief J
Nat Rev Immunol 2023 Jun;23(6):345

[Adrenal cysts: an emerging condition.](#)

Calissendorff J, Juhlin CC, Sundin A, Bancos I, Falhammar H
Nat Rev Endocrinol 2023 Jul;19(7):398-406

[Amplification of the PLAG-family genes–PLAGL1 and PLAGL2–is a key feature of the novel tumor type CNS embryonal tumor with PLAGL amplification.](#)

Keck MK, Sill M, Wittmann A, Joshi P, Stichel D, Beck P, Okonechnikow K, Sievers P, Wefers AK, Roncaroli F, Avula S, McCabe MG, Hayden JT, Wesseling P, Øra I, Nistér M, Kranendonk MEG, Tops BBJ, Zapotocky M, Zamecnik J, Vasiljevic A, Fenouil T, Meyronet D, von Hoff K, Schüller U, Loiseau H, Figarella-Branger D, Kramm CM, Sturm D, Scheie D, Rauramaa T, Pesola J, Gojo J, Haberler C, Brandner S, Jacques T, Sexton Oates A, Saffery R, Koscielniak E, Baker SJ, Yip S, Snuderl M, Ud Din N, Samuel D, Schramm K, Blattner-Johnson M, Selt F, Ecker J, Milde T, von Deimling A, Korshunov A, Perry A, Pfister SM, Sahm F, Solomon DA, Jones DTW

Acta Neuropathol 2023 Jan;145(1):49–69

[Drug response profiles in patient-derived cancer cells across histological subtypes of ovarian cancer: real-time therapy tailoring for a patient with low-grade serous carcinoma.](#)

Murumägi A, Ungureanu D, Khan S, Arjama M, Välimäki K, Ianevski A, Ianevski P, Bergström R, Dini A, Kanerva A, Koivisto-Korander R, Tapper J, Lassus H, Loukovaara M, Mägi A, Hirasawa A, Aoki D, Pietiäinen V, Pellinen T, Bützow R, Aittokallio T, Kallioniemi O

Br J Cancer 2023 Feb;128(4):678–690

[Small-molecule-mediated OGG1 inhibition attenuates pulmonary inflammation and lung fibrosis in a murine lung fibrosis model.](#)

Tanner L, Single AB, Bhongir RKV, Heusel M, Mohanty T, Karlsson CAQ, Pan L, Clausson CM, Bergwik J, Wang K, Andersson CK, Oommen RM, Erjefält JS, Malmström J, Wallner O, Boldogh I, Helleday T, Kalderén C, Egesten A

Nat Commun 2023 Feb;14(1):643

[Multi-marker profiling of extracellular vesicles using streaming current and sequential electrostatic labeling.](#)

Sahu SS, Gevari MT, Nagy Á, Gestin M, Hååg P, Lewensohn R, Viktorsson K, Karlström AE, Dev A

Biosens Bioelectron 2023 May;227():115142

[Tailoring 3' UTRs alters metastatic potential.](#)

Watt K, Postovit LM

Nat Cell Biol 2023 Jun;25(6):805–807

[Risk and mortality of testicular cancer in patients with neurodevelopmental or other psychiatric disorders.](#)

Jansson AK, Söderling J, Reutfors J, Thor A, Sköld C, Cohn-Cedermark G, Ståhl O,

Smedby KE, Pettersson A, Glimelius I
Br J Cancer 2023 Jun;128(12):2261-2269

[Factors Associated With False-Positive Recalls in Mammography Screening.](#)

Mao X, He W, Humphreys K, Eriksson M, Holowko N, Strand F, Hall P, Czene K
J Natl Compr Canc Netw 2023 Feb;21(2):143-152.e4

[A randomised, double-blind, dose-finding, phase II multicentre study of ODX in the treatment of patients with castration-resistant prostate cancer and skeletal metastases.](#)

Thellenberg-Karlsson C, Vjaters E, Kase M, Tammela T, Ojamaa K, Norming U, Nyman C, Andersson SO, Hublarovs O, Marquez-Holmberg M, Castellanos E, Ullen A, Holmberg A, Nilsson S
Eur J Cancer 2023 Mar;181():198-207

[Systemic inflammatory syndromes as life-threatening side effects of immune checkpoint inhibitors: case report and systematic review of the literature.](#)

Liu LL, Skribek M, Harmenberg U, Gerling M
J Immunother Cancer 2023 Mar;11(3):

[Inhibition of MYC translation through targeting of the newly identified PHB-eIF4F complex as therapeutic strategy in CLL.](#)

Largeot A, Klapp V, Viry E, Gonder S, Fernandez Botana I, Blomme A, Benzarti M, Pierson S, Duculty C, Marttila P, Wierz M, Gargiulo E, Pagano G, An N, El Hachem N, Perez Hernandez D, Chakraborty S, Ysebaert L, François JH, Cortez Clemente SD, Berchem G, Efremov DG, Dittmar G, Szpakowska M, Chevigne A, Nazarov PV, Helleday T, Close P, Meiser J, Stamatopoulos B, Désaubry L, Paggetti J, Moussay E
Blood 2023 Apr;():

[Anthracycline-containing and taxane-containing chemotherapy for early-stage operable breast cancer: a patient-level meta-analysis of 100 000 women from 86 randomised trials.](#)

,
Lancet 2023 Apr;401(10384):1277-1292

[Zanubrutinib Versus Ibrutinib in Relapsed/Refractory Chronic Lymphocytic Leukemia and Small Lymphocytic Lymphoma: Interim Analysis of a Randomized Phase III Trial.](#)

Hillmen P, Eichhorst B, Brown JR, Lamanna N, O'Brien SM, Tam CS, Qiu L, Kazmierczak M, Zhou K, Šimkovič M, Mayer J, Gillespie-Twardy A, Shadman M, Ferrajoli A, Ganly PS, Weinkove R, Grosicki S, Mital A, Robak T, Österborg A, Yimer

HA, Salmi T, Ji M, Yecies J, Idoine A, Wu K, Huang J, Jurczak W
J Clin Oncol 2023 Feb;41(5):1035–1045

[Myeloid cells from Langerhans cell histiocytosis patients exhibit increased vesicle trafficking and an altered secretome capable of activating NK cells.](#)

Hagey DW, Kvedaraite E, Akber M, Görgens A, Javadi J, Von Bahr Greenwood T, Björklund C, Åkefeldt SO, Hannegård-Hamrin T, Arnell H, Dobra K, Herold N, Svensson M, El Andaloussi S, Henter JI, Lourda M
Haematologica 2023 Mar;():

[The RNA editor ADAR2 promotes immune cell trafficking by enhancing endothelial responses to interleukin-6 during sterile inflammation.](#)

Gatsiou A, Tual-Chalot S, Napoli M, Ortega-Gomez A, Regen T, Badolia R, Cesarini V, Garcia-Gonzalez C, Chevre R, Ciliberti G, Silvestre-Roig C, Martini M, Hoffmann J, Hamouche R, Visker JR, Diakos N, Wietelmann A, Silvestris DA, Georgiopoulos G, Moshfegh A, Schneider A, Chen W, Guenther S, Backs J, Kwak S, Selzman CH, Stamatelopoulos K, Rose-John S, Trautwein C, Spyridopoulos I, Braun T, Waisman A, Gallo A, Drakos SG, Dimmeler S, Sperandio M, Soehnlein O, Stellos K
Immunity 2023 May;56(5):979–997.e11

[Hallmarks of transcriptional intratumour heterogeneity across a thousand tumours.](#)

Gavish A, Tyler M, Greenwald AC, Hoefflin R, Simkin D, Tschernichovsky R, Galili Darnell N, Somech E, Barbolin C, Antman T, Kovarsky D, Barrett T, Gonzalez Castro LN, Halder D, Chanoch-Myers R, Laffy J, Mints M, Wider A, Tal R, Spitzer A, Hara T, Raitses-Gurevich M, Stossel C, Golan T, Tirosh A, Suvà ML, Puram SV, Tirosh I
Nature 2023 Jun;618(7965):598–606

[Minimally important differences for interpreting EORTC QLQ-C30 change scores over time: A synthesis across 21 clinical trials involving nine different cancer types.](#)

Musoro JZ, Coens C, Sprangers MAG, Brandberg Y, Groenvold M, Flechtner H, Cocks K, Velikova G, Dirven L, Greimel E, Singer S, Pogoda K, Gamper EM, Sodergren SC, Eggermont A, Koller M, Reijneveld JC, Taphoorn MJB, King MT, Bottomley A
Eur J Cancer 2023; 188: 171–182.

[Survival after Introduction of Adjuvant Treatment in Stage III Melanoma: A Nationwide Registry-Based study.](#)

Helgadottir H, Ny L, Ullenhag GJ, Falkenius J, Mikiver R, Bagge RO, Isaksson K
J Natl Cancer Inst 2023 May;():

[Proteogenomic analysis of acute myeloid leukemia associates relapsed disease with reprogrammed energy metabolism both in adults and children.](#)

Stratmann S, Vesterlund M, Umer HM, Eshtad S, Skaftason A, Herlin MK, Sundström C, Eriksson A, Höglund M, Palle J, Abrahamsson J, Jahnukainen K, Munthe-Kaas MC, Zeller B, Tamm KP, Lindskog C, Cavelier L, Lehtiö J, Holmfeldt L
Leukemia 2023 Mar;37(3):550–559

[Prognostic implications of p16 and HPV discordance in oropharyngeal cancer \(HNCIG-EPIC-OPC\): a multicentre, multinational, individual patient data analysis.](#)

Mehanna H, Taberna M, von Buchwald C, Tous S, Brooks J, Mena M, Morey F, Grønhøj C, Rasmussen JH, Garset-Zamani M, Bruni L, Batis N, Brakenhoff RH, Leemans CR, Baatenburg de Jong RJ, Klussmann JP, Wuerdemann N, Wagner S, Dalianis T, Marklund L, Mirghani H, Schache A, James JA, Huang SH, O'Sullivan B, Nankivell P, Broglie MA, Hoffmann M, Quabius ES, Alemany L,
Lancet Oncol 2023 Mar;24(3):239–251

[Reconstructing clonal tree for phylo-phenotypic characterization of cancer using single-cell transcriptomics.](#)

Jun SH, Toosi H, Mold J, Engblom C, Chen X, O'Flanagan C, Hagemann-Jensen M, Sandberg R, Aparicio S, Hartman J, Roth A, Lagergren J
Nat Commun 2023 Feb;14(1):982

[A small noncoding RNA links ribosome recovery and translation control to dedifferentiation during salamander limb regeneration.](#)

Subramanian E, Elewa A, Brito G, Kumar A, Segerstolpe Å, Karampelias C, Björklund Å, Sandberg R, Echeverri K, Lui WO, Andersson O, Simon A
Dev Cell 2023 Mar;58(6):450–460.e6

[Application of Genomic Sequencing to Refine Patient Stratification for Adjuvant Therapy in Renal Cell Carcinoma.](#)

Vasudev NS, Scelo G, Glennon KI, Wilson M, Letourneau L, Eveleigh R, Nourbehesht N, Arseneault M, Paccard A, Egevad L, Viksna J, Celms E, Jackson SM, Abedi-Ardekani B, Warren AY, Selby PJ, Trainor S, Kimuli M, Cartledge J, Soomro N, Adeyoju A, Patel PM, Wozniak MB, Holcatova I, Brisuda A, Janout V, Chanudet E, Zaridze D, Moukeria A, Shangina O, Foretova L, Navratilova M, Mates D, Jinga V, Bogdanovic L, Kovacevic B, Cambon-Thomsen A, Bourque G, Brazma A, Tost J, Brennan P, Lathrop M, Riazalhosseini Y, Banks RE
Clin Cancer Res 2023 Apr;29(7):1220–1231

[Breast cancer patient-derived whole-tumor cell culture model for efficient drug profiling and treatment response prediction.](#)

Chen X, Sifakis EG, Robertson S, Neo SY, Jun SH, Tong L, Hui Min AT, Lövröf J,

Hellgren R, Margolin S, Bergh J, Foukakis T, Lagergren J, Lundqvist A, Ma R, Hartman J

Proc Natl Acad Sci U S A 2023 Jan;120(1):e2209856120

[CD25bright NK cells display superior function and metabolic activity under regulatory T cell-mediated suppression.](#)

Chen Z, Tong L, Neo SY, Li S, Gao J, Schlisio S, Lundqvist A

Oncoimmunology 2023 ;12(1):2175517

[Solid-phase capture and profiling of open chromatin by spatial ATAC.](#)

Llorens-Bobadilla E, Zamboni M, Marklund M, Bhalla N, Chen X, Hartman J, Frisé J, Ståhl PL

Nat Biotechnol 2023 Jan;():

[Antigen-Loaded Extracellular Vesicles Induce Responsiveness to Anti-PD-1 and Anti-PD-L1 Treatment in a Checkpoint Refractory Melanoma Model.](#)

Veerman RE, Akpınar GG, Offens A, Steiner L, Larssen P, Lundqvist A, Karlsson MCI, Gabrielsson S

Cancer Immunol Res 2023 Feb;11(2):217-227

[Prediction model for drug response of acute myeloid leukemia patients.](#)

Trac QT, Pawitan Y, Mou T, Erkers T, Östling P, Bohlin A, Österroos A, Vesterlund M, Jafari R, Siavelis I, Bäckvall H, Kiviluoto S, Orre LM, Rantalainen M, Lehtiö J, Lehmann S, Kallioniemi O, Vu TN

NPJ Precis Oncol 2023 Mar;7(1):32

[An immune score reflecting pro- and anti-tumoural balance of tumour microenvironment has major prognostic impact and predicts immunotherapy response in solid cancers.](#)

Mezheyeuski A, Backman M, Mattsson J, Martín-Bernabé A, Larsson C, Hrynchuk I, Hammarström K, Ström S, Ekström J, Mauchanski S, Khelashvili S, Lindberg A, Agnarsdóttir M, Edqvist PH, Huvila J, Segersten U, Malmström PU, Botling J, Nodin B, Hedner C, Borg D, Brändstedt J, Sartor H, Leandersson K, Glimelius B, Portyanko A, Ponten F, Jirström K, Micke P, Sjöblom T

EBioMedicine 2023 Feb;88():104452

[Survival update of neoadjuvant ipilimumab plus nivolumab in macroscopic stage III melanoma in the OpACIN and OpACIN-neo trials.](#)

Versluis JM, Menzies AM, Sikorska K, Rozeman EA, Saw RPM, van Houdt WJ, Eriksson H, Klop WMC, Ch'ng S, van Thienen JV, Mallo H, Gonzalez M, Torres Acosta A, Grijpink-Ongering LG, van der Wal A, Bruining A, van de Wiel BA, Scolyer RA,

Haanen JBAG, Schumacher TN, van Akkooi ACJ, Long GV, Blank CU
Ann Oncol 2023 Apr;34(4):420–430

[Association of metformin use and survival in patients with cutaneous melanoma and diabetes.](#)

Krakowski I, Häbel H, Nielsen K, Ingvar C, Andersson TML, Girnita A, Smedby KE, Eriksson H
Br J Dermatol 2023 Jan;188(1):32–40

[Cellular states are coupled to genomic and viral heterogeneity in HPV-related oropharyngeal carcinoma.](#)

Puram SV, Mints M, Pal A, Qi Z, Reeb A, Gelev K, Barrett TF, Gerndt S, Liu P, Parikh AS, Ramadan S, Law T, Mroz EA, Rocco JW, Adkins D, Thorstad WL, Gay HA, Ding L, Paniello RC, Pipkorn P, Jackson RS, Wang X, Mazul A, Chernock R, Zevallos JP, Silva-Fisher J, Tirosh I
Nat Genet 2023 Apr;55(4):640–650

[Preclinical efficacy of azacitidine and venetoclax for infant KMT2A-rearranged acute lymphoblastic leukemia reveals a new therapeutic strategy.](#)

Cheung LC, Aya-Bonilla C, Cruickshank MN, Chiu SK, Kuek V, Anderson D, Chua GA, Singh S, Oommen J, Ferrari E, Hughes AM, Ford J, Kunold E, Hesselman MC, Post F, Faulk KE, Breese EH, Guest EM, Brown PA, Loh ML, Lock RB, Kees UR, Jafari R, Malinge S, Kotecha RS
Leukemia 2023 Jan;37(1):61–71

[Obstetric and Perinatal Outcomes of Singleton Births Following Single- vs Double-Embryo Transfer in Sweden.](#)

Rodriguez-Wallberg KA, Palomares AR, Nilsson HP, Oberg AS, Lundberg F
JAMA Pediatr 2023 Feb;177(2):149–159

[Isolated Hepatic Perfusion With Melphalan for Patients With Isolated Uveal Melanoma Liver Metastases: A Multicenter, Randomized, Open-Label, Phase III Trial \(the SCANDIUM Trial\).](#)

Olofsson Bagge R, Nelson A, Shafazand A, All-Eriksson C, Cahlin C, Elander N, Helgadottir H, Kiilgaard JF, Kinhult S, Ljuslinder I, Mattsson J, Rizell M, Sternby Eilard M, Ullenhag GJ, Nilsson JA, Ny L, Lindnér P
J Clin Oncol 2023 Mar;():JCO2201705

[Deep thermal profiling for detection of functional proteoform groups](#)

Kurzawa N, Leo IR, Stahl M, Kunold E, Becher I, Audrey A, Mermelekas G, Huber W, Mateus A, Savitski MM, Jafari R
Nature Chemical Biology 20 March 2023

[Computational pathology in 2030: a Delphi study forecasting the role of AI in pathology within the next decade.](#)

Berbís MA, McClintock DS, Bychkov A, Van der Laak J, Pantanowitz L, Lennerz JK, Cheng JY, Delahunt B, Egevad L, Eloy C, Farris AB, Fraggetta F, García Del Moral R, Hartman DJ, Herrmann MD, Hollemans E, Iczkowski KA, Karsan A, Kriegsmann M, Salama ME, Sinard JH, Tuthill JM, Williams B, Casado-Sánchez C, Sánchez-Turrión V, Luna A, Aneiros-Fernández J, Shen J
EBioMedicine 2023 Jan;88():104427

[Sequencing of Ipilimumab Plus Nivolumab and Encorafenib Plus Binimetinib for Untreated BRAF-Mutated Metastatic Melanoma \(SECOMBIT\): A Randomized, Three-Arm, Open-Label Phase II Trial.](#)

Ascierto PA, Mandalà M, Ferrucci PF, Guidoboni M, Rutkowski P, Ferraresi V, Arance A, Guida M, Maiello E, Gogas H, Richtig E, Fierro MT, Lebbè C, Helgadottir H, Queirolo P, Spagnolo F, Tucci M, Del Vecchio M, Gonzales Cao M, Minisini AM, De Placido S, Sanmamed MF, Mallardo D, Curvietto M, Melero I, Palmieri G, Grimaldi AM, Giannarelli D, Dummer R, Chiarion Sileni V
J Clin Oncol 2023 Jan;41(2):212-221

[Survival Outcomes, Digital TILs, and On-treatment PET/CT During Neoadjuvant Therapy for HER2-positive Breast Cancer: Results from the Randomized PREDIX HER2 Trial.](#)

Matikas A, Johansson H, Grybäck P, Bjöhle J, Acs B, Boyaci C, Lekberg T, Fredholm H, Elinder E, Margolin S, Isaksson-Friman E, Bosch A, Lindman H, Adra J, Andersson A, Agartz S, Hellström M, Zerdes I, Hartman J, Bergh J, Hatschek T, Foukakis T
Clin Cancer Res 2023 Feb;29(3):532-540

[Tuned activation of MSLN-CAR T cells induces superior antitumor responses in ovarian cancer models.](#)

Schoutrop E, Poiret T, El-Serafi I, Zhao Y, He R, Moter A, Henriksson J, Hassan M, Magalhaes I, Mattsson J
J Immunother Cancer 2023 Feb;11(2):

[Fibroblast subsets in non-small cell lung cancer: Associations with survival, mutations, and immune features.](#)

Pellinen T, Paavolainen L, Martín-Bernabé A, Papatella Araujo R, Strell C, Mezheyeuski A, Backman M, La Fleur L, Brück O, Sjölund J, Holmberg E, Välimäki K, Brunnström H, Botling J, Moreno-Ruiz P, Kallioniemi O, Micke P, Östman A
J Natl Cancer Inst 2023 Jan;115(1):71-82