**2019**

[Double Immunohistochemistry and Digital Image Analysis.](https://www.ncbi.nlm.nih.gov/pubmed/30666595)
Moreno-Ruiz P, Wik Leiss L, Mezheyeuski A, Ehnman M
*Methods Mol. Biol. 2019 ;1913():3-11*

[Evaluating Antibody-Dependent Cell-Mediated Cytotoxicity by Chromium Release Assay.](https://www.ncbi.nlm.nih.gov/pubmed/30666606)
van der Haar Àvila I, Marmol P, Kiessling R, Pico de Coaña Y
*Methods Mol. Biol. 2019 ;1913():167-179*

[Computational Analyses Connect Small-Molecule Sensitivity to Cellular Features Using Large Panels of Cancer Cell Lines.](https://www.ncbi.nlm.nih.gov/pubmed/30519951)
Rees MG, Seashore-Ludlow B, Clemons PA
*Methods Mol. Biol. 2019 ;1888():233-254*

[Establishment of Melanoma Tumor Xenograft Using Single Cell Line Suspension and Co-injection of Patient-Derived T Cells in Immune-Deficient NSG Mice.](https://www.ncbi.nlm.nih.gov/pubmed/30666609)
Gunnarsdóttir FB, Kiessling R, Pico de Coaña Y
*Methods Mol. Biol. 2019 ;1913():207-215*

[Evaluation of Breast Cancer and Melanoma Metastasis in Syngeneic Mouse Models.](https://www.ncbi.nlm.nih.gov/pubmed/30666608)
Witt K, Lundqvist A
*Methods Mol. Biol. 2019 ;1913():197-206*

[Evaluating Antibody-Dependent Cell-Mediated Cytotoxicity by Flow Cytometry.](https://www.ncbi.nlm.nih.gov/pubmed/30666607)
van der Haar Àvila I, Marmol P, Cany J, Kiessling R, Pico de Coaña Y
*Methods Mol. Biol. 2019 ;1913():181-194*

[Strategies and Techniques for NK Cell Phenotyping.](https://www.ncbi.nlm.nih.gov/pubmed/31522415)
Ziqing C, Lundqvist A, Witt K
*Methods Mol. Biol. 2019 ;2032():105-114*

[Immune Monitoring of Cancer Patients by Multi-color Flow Cytometry.](https://www.ncbi.nlm.nih.gov/pubmed/30666598)
Neo SY, O'Reilly A, Pico de Coaña Y
*Methods Mol. Biol. 2019 ;1913():49-65*

[Somatic Structural Alterations in Childhood Leukemia Can Be Backtracked in Neonatal Dried Blood Spots by Use of Whole-Genome Sequencing and Digital PCR.](https://www.ncbi.nlm.nih.gov/pubmed/30518665)
Taylan F, Bang B, Öfverholm II, Tran AN, Heyman M, Barbany G, *et al*
*Clin. Chem. 2019 02;65(2):345-347*

[Assessment of Antitumor T-Cell Responses by Flow Cytometry After Coculture of Tumor Cells with Autologous Tumor-Infiltrating Lymphocytes.](https://www.ncbi.nlm.nih.gov/pubmed/30666603)
Melief J, Wickström S, Kiessling R, Pico de Coaña Y
*Methods Mol. Biol. 2019 ;1913():133-140*

[An ErbB2/c-Src axis links bioenergetics with PRC2 translation to drive epigenetic reprogramming and mammary tumorigenesis.](https://www.ncbi.nlm.nih.gov/pubmed/31263101)
Smith HW, Hirukawa A, Sanguin-Gendreau V, Nandi I, Dufour CR, Zuo D, *et al*
*Nat Commun 2019 07;10(1):2901*

[PrimPol is required for the maintenance of efficient nuclear and mitochondrial DNA replication in human cells.](https://www.ncbi.nlm.nih.gov/pubmed/30715459)
Bailey LJ, Bianchi J, Doherty AJ
*Nucleic Acids Res. 2019 05;47(8):4026-4038*

[Translational offsetting as a mode of estrogen receptor α-dependent regulation of gene expression.](https://www.ncbi.nlm.nih.gov/pubmed/31556460)
Lorent J, Kusnadi EP, van Hoef V, Rebello RJ, Leibovitch M, Ristau J, *et al*
*EMBO J. 2019 12;38(23):e101323*

[Lethal Poisoning of Cancer Cells by Respiratory Chain Inhibition plus Dimethyl α-Ketoglutarate.](https://www.ncbi.nlm.nih.gov/pubmed/30995479)
Sica V, Bravo-San Pedro JM, Izzo V, Pol J, Pierredon S, Enot D, *et al*
*Cell Rep 2019 04;27(3):820-834.e9*

[CUTseq is a versatile method for preparing multiplexed DNA sequencing libraries from low-input samples.](https://www.ncbi.nlm.nih.gov/pubmed/31628304)
Zhang X, Garnerone S, Simonetti M, Harbers L, Nicoś M, Mirzazadeh R, *et al*
*Nat Commun 2019 10;10(1):4732*

[Definition of Synchronous Oligometastatic Non-Small Cell Lung Cancer-A Consensus Report.](https://www.ncbi.nlm.nih.gov/pubmed/31398540)
Dingemans AC, Hendriks LEL, Berghmans T, Levy A, Hasan B, Faivre-Finn C, *et al*
*J Thorac Oncol 2019 Dec;14(12):2109-2119*

[Inhibition of Upf2-Dependent Nonsense-Mediated Decay Leads to Behavioral and Neurophysiological Abnormalities by Activating the Immune Response.](https://www.ncbi.nlm.nih.gov/pubmed/31585809)
Johnson JL, Stoica L, Liu Y, Zhu PJ, Bhattacharya A, Buffington SA, *et al*
*Neuron 2019 Nov;104(4):665-679.e8*

[Reduced-dose combination chemotherapy (S-1 plus oxaliplatin) versus full-dose monotherapy (S-1) in older vulnerable patients with metastatic colorectal cancer (NORDIC9): a randomised, open-label phase 2 trial.](https://www.ncbi.nlm.nih.gov/pubmed/30852136)
Winther SB, Liposits G, Skuladottir H, Hofsli E, Shah CH, Poulsen LØ, *et al*
*Lancet Gastroenterol Hepatol 2019 May;4(5):376-388*

[eIF4A supports an oncogenic translation program in pancreatic ductal adenocarcinoma.](https://www.ncbi.nlm.nih.gov/pubmed/31723131)
Chan K, Robert F, Oertlin C, Kapeller-Libermann D, Avizonis D, Gutierrez J, *et al*
*Nat Commun 2019 11;10(1):5151*

[Elevated expression of S100A8 and S100A9 correlates with resistance to the BCL-2 inhibitor venetoclax in AML.](https://www.ncbi.nlm.nih.gov/pubmed/31175323)
Karjalainen R, Liu M, Kumar A, He L, Malani D, Parsons A, *et al*
*Leukemia 2019 10;33(10):2548-2553*

[Translational offsetting as a mode of estrogen receptor α-dependent regulation of gene expression.](https://www.ncbi.nlm.nih.gov/pubmed/31556460)
Lorent J, Kusnadi EP, van Hoef V, Rebello RJ, Leibovitch M, Ristau J, *et al*
*EMBO J. 2019 12;38(23):e101323*

[2-cm versus 4-cm surgical excision margins for primary cutaneous melanoma thicker than 2 mm: long-term follow-up of a multicentre, randomised trial.](https://www.ncbi.nlm.nih.gov/pubmed/31280965)
Utjés D, Malmstedt J, Teras J, Drzewiecki K, Gullestad HP, Ingvar C, *et al*
*Lancet 2019 08;394(10197):471-477*

[Assessment of Long-term Distant Recurrence-Free Survival Associated With Tamoxifen Therapy in Postmenopausal Patients With Luminal A or Luminal B Breast Cancer.](https://www.ncbi.nlm.nih.gov/pubmed/31393518)
Yu NY, Iftimi A, Yau C, Tobin NP, van 't Veer L, Hoadley KA, *et al*
*JAMA Oncol 2019 Aug;():*

[Decrypting noncoding RNA interactions, structures, and functional networks.](https://www.ncbi.nlm.nih.gov/pubmed/31434680)
Fabbri M, Girnita L, Varani G, Calin GA
*Genome Res. 2019 09;29(9):1377-1388*

[PAK4 suppresses RELB to prevent senescence-like growth arrest in breast cancer.](https://www.ncbi.nlm.nih.gov/pubmed/31399573)
Costa TDF, Zhuang T, Lorent J, Turco E, Olofsson H, Masia-Balague M, *et al*
*Nat Commun 2019 08;10(1):3589*

[Outcome and Presentation of Heart Failure in Breast Cancer Patients; Findings from a Swedish register-based study.](https://www.ncbi.nlm.nih.gov/pubmed/31328233)
Hedayati E, Papakonstantinou A, Gernaat SAM, Altena R, Brand JS, Alfredsson J, *et al*
*Eur Heart J Qual Care Clin Outcomes 2019 Jul;():*

[The viral protein corona directs viral pathogenesis and amyloid aggregation.](https://www.ncbi.nlm.nih.gov/pubmed/31133680)
Ezzat K, Pernemalm M, Pålsson S, Roberts TC, Järver P, Dondalska A, *et al*
*Nat Commun 2019 05;10(1):2331*

[ITGA5 inhibition in pancreatic stellate cells attenuates desmoplasia and potentiates efficacy of chemotherapy in pancreatic cancer.](https://www.ncbi.nlm.nih.gov/pubmed/31517053)
Kuninty PR, Bansal R, De Geus SWL, Mardhian DF, Schnittert J, van Baarlen J, *et al*
*Sci Adv 2019 Sep;5(9):eaax2770*

[Prognostic implications of PD-L1 expression in breast cancer: systematic review and meta-analysis of immunohistochemistry and pooled analysis of transcriptomic data.](https://www.ncbi.nlm.nih.gov/pubmed/31227501)
Matikas A, Zerdes I, Lövrot J, Richard F, Sotiriou C, Bergh J, *et al*
*Clin. Cancer Res. 2019 Jun;():*

[Breast cancer quantitative proteome and proteogenomic landscape.](https://www.ncbi.nlm.nih.gov/pubmed/30962452)
Johansson HJ, Socciarelli F, Vacanti NM, Haugen MH, Zhu Y, Siavelis I, *et al*
*Nat Commun 2019 04;10(1):1600*

[Proteogenomics and Hi-C reveal transcriptional dysregulation in high hyperdiploid childhood acute lymphoblastic leukemia.](https://www.ncbi.nlm.nih.gov/pubmed/30944321)
Yang M, Vesterlund M, Siavelis I, Moura-Castro LH, Castor A, Fioretos T, *et al*
*Nat Commun 2019 04;10(1):1519*

[Human Fis1 regulates mitochondrial dynamics through inhibition of the fusion machinery.](https://www.ncbi.nlm.nih.gov/pubmed/30842096)
Yu R, Jin SB, Lendahl U, Nistér M, Zhao J
*EMBO J. 2019 Apr;38(8):*

[Impact of Epithelial-Stromal Interactions on Peritumoral Fibroblasts in Ductal Carcinoma in Situ.](https://www.ncbi.nlm.nih.gov/pubmed/30816935)
Strell C, Paulsson J, Jin SB, Tobin NP, Mezheyeuski A, Roswall P, *et al*
*J. Natl. Cancer Inst. 2019 Feb;():*

[A Novel ACKR2-Dependent Role of Fibroblast-Derived CXCL14 in Epithelial-to-Mesenchymal Transition and Metastasis of Breast Cancer.](https://www.ncbi.nlm.nih.gov/pubmed/30850359)
Sjöberg E, Meyrath M, Milde L, Herrera M, Lövrot J, Hägerstrand D, *et al*
*Clin. Cancer Res. 2019 Mar;():*

[Increasing the dose intensity of chemotherapy by more frequent administration or sequential scheduling: a patient-level meta-analysis of 37 298 women with early breast cancer in 26 randomised trials.](https://www.ncbi.nlm.nih.gov/pubmed/30739743)

*Lancet 2019 Apr;393(10179):1440-1452*

[Utility of Gonadotropin-Releasing Hormone Agonists for Fertility Preservation: Lack of Biologic Basis and the Need to Prioritize Proven Methods.](https://www.ncbi.nlm.nih.gov/pubmed/30407897)
Turan V, Bedoschi G, Rodriguez-Wallberg K, Sonmezer M, Pacheco FS, Oktem O, *et al*
*J. Clin. Oncol. 2019 Jan;37(1):84-86*

[Dose tailoring of adjuvant chemotherapy for breast cancer based on hematologic toxicities: further results from the prospective PANTHER study with focus on obese patients.](https://www.ncbi.nlm.nih.gov/pubmed/30357310)
Matikas A, Foukakis T, Moebus V, Greil R, Bengtsson NO, Steger GG, *et al*
*Ann. Oncol. 2019 Jan;30(1):109-114*

[Integrated Molecular Analysis of Undifferentiated Uterine Sarcomas Reveals Clinically Relevant Molecular Subtypes.](https://www.ncbi.nlm.nih.gov/pubmed/30617134)
Binzer-Panchal A, Hardell E, Viklund B, Ghaderi M, Bosse T, Nucci MR, *et al*
*Clin. Cancer Res. 2019 Apr;25(7):2155-2165*

[SubCellBarCode: Proteome-wide Mapping of Protein Localization and Relocalization.](https://www.ncbi.nlm.nih.gov/pubmed/30609389)
Orre LM, Vesterlund M, Pan Y, Arslan T, Zhu Y, Fernandez Woodbridge A, *et al*
*Mol. Cell 2019 Jan;73(1):166-182.e7*

[Identifying purine nucleoside phosphorylase as the target of quinine using cellular thermal shift assay.](https://www.ncbi.nlm.nih.gov/pubmed/30602534)
Dziekan JM, Yu H, Chen D, Dai L, Wirjanata G, Larsson A, *et al*
*Sci Transl Med 2019 Jan;11(473):*

[Ultrasensitive Immunoprofiling of Plasma Extracellular Vesicles Identifies Syndecan-1 as a Potential Tool for Minimally Invasive Diagnosis of Glioma.](https://www.ncbi.nlm.nih.gov/pubmed/30679164)
Indira Chandran V, Welinder C, Månsson AS, Offer S, Freyhult E, Pernemalm M, *et al*
*Clin. Cancer Res. 2019 May;25(10):3115-3127*

[Updated results from the phase 3 HELIOS study of ibrutinib, bendamustine, and rituximab in relapsed chronic lymphocytic leukemia/small lymphocytic lymphoma.](https://www.ncbi.nlm.nih.gov/pubmed/30315239)
Fraser G, Cramer P, Demirkan F, Silva RS, Grosicki S, Pristupa A, *et al*
*Leukemia 2019 04;33(4):969-980*

[A network of chaperones prevents and detects failures in membrane protein lipid bilayer integration.](https://www.ncbi.nlm.nih.gov/pubmed/30737405)
Coelho JPL, Stahl M, Bloemeke N, Meighen-Berger K, Alvira CP, Zhang ZR, *et al*
*Nat Commun 2019 02;10(1):672*

[Ribosome biogenesis during cell cycle arrest fuels EMT in development and disease.](https://www.ncbi.nlm.nih.gov/pubmed/31068593)
Prakash V, Carson BB, Feenstra JM, Dass RA, Sekyrova P, Hoshino A, *et al*
*Nat Commun 2019 05;10(1):2110*

[TP53 Outperforms Other Androgen Receptor Biomarkers to Predict Abiraterone or Enzalutamide Outcome in Metastatic Castration-Resistant Prostate Cancer.](https://www.ncbi.nlm.nih.gov/pubmed/30209161)
De Laere B, Oeyen S, Mayrhofer M, Whitington T, van Dam PJ, Van Oyen P, *et al*
*Clin. Cancer Res. 2019 Mar;25(6):1766-1773*

[Hepatic posttranscriptional network comprised of CCR4-NOT deadenylase and FGF21 maintains systemic metabolic homeostasis.](https://www.ncbi.nlm.nih.gov/pubmed/30926667)
Morita M, Siddiqui N, Katsumura S, Rouya C, Larsson O, Nagashima T, *et al*
*Proc. Natl. Acad. Sci. U.S.A. 2019 Apr;116(16):7973-7981*

[Fam83F induces p53 stabilisation and promotes its activity.](https://www.ncbi.nlm.nih.gov/pubmed/30692643)
Salama M, Benitez-Riquelme D, Elabd S, Munoz L, Zhang P, Glanemann M, *et al*
*Cell Death Differ. 2019 Oct;26(10):2125-2138*

[Immune cell constitution in bone marrow microenvironment predicts outcome in adult ALL.](https://www.ncbi.nlm.nih.gov/pubmed/30635636)
Hohtari H, Brück O, Blom S, Turkki R, Sinisalo M, Kovanen PE, *et al*
*Leukemia 2019 Jul;33(7):1570-1582*

[Phosphorylation of G3BP1-S149 does not influence stress granule assembly.](https://www.ncbi.nlm.nih.gov/pubmed/31171631)
Panas MD, Kedersha N, Schulte T, Branca RM, Ivanov P, Anderson P
*J. Cell Biol. 2019 Jul;218(7):2425-2432*

[EglN3 hydroxylase stabilizes BIM-EL linking VHL type 2C mutations to pheochromocytoma pathogenesis and chemotherapy resistance.](https://www.ncbi.nlm.nih.gov/pubmed/31375625)
Li S, Rodriguez J, Li W, Bullova P, Fell SM, Surova O, *et al*
*Proc. Natl. Acad. Sci. U.S.A. 2019 Aug;116(34):16997-17006*

[Anagrelide for Gastrointestinal Stromal Tumor.](https://www.ncbi.nlm.nih.gov/pubmed/30530703)
Pulkka OP, Gebreyohannes YK, Wozniak A, Mpindi JP, Tynninen O, Icay K, *et al*
*Clin. Cancer Res. 2019 Mar;25(5):1676-1687*

[Early-Stage NSCLC: Advances in Thoracic Oncology 2018.](https://www.ncbi.nlm.nih.gov/pubmed/30851441)
Osarogiagbon RU, Veronesi G, Fang W, Ekman S, Suda K, Aerts JG, *et al*
*J Thorac Oncol 2019 Jun;14(6):968-978*

[Generally applicable transcriptome-wide analysis of translation using anota2seq.](https://www.ncbi.nlm.nih.gov/pubmed/30926999)
Oertlin C, Lorent J, Murie C, Furic L, Topisirovic I, Larsson O
*Nucleic Acids Res. 2019 Jul;47(12):e70*

[The Case Against the European Medicines Agency's Change to the Label for Radium-223 for the Treatment of Metastatic Castration-resistant Prostate Cancer.](https://www.ncbi.nlm.nih.gov/pubmed/30454914)
O'Sullivan JM, Heinrich D, James ND, Nilsson S, Ost P, Parker CC, *et al*
*Eur. Urol. 2019 03;75(3):e51-e52*

[Multiplex Quantitative Analysis of Tumor-Infiltrating Lymphocytes and Immunotherapy Outcome in Metastatic Melanoma.](https://www.ncbi.nlm.nih.gov/pubmed/30617133)
Wong PF, Wei W, Smithy JW, Acs B, Toki MI, Blenman KRM, *et al*
*Clin. Cancer Res. 2019 Apr;25(8):2442-2449*

[Immune Profiling and Quantitative Analysis Decipher the Clinical Role of Immune-Checkpoint Expression in the Tumor Immune Microenvironment of DLBCL.](https://www.ncbi.nlm.nih.gov/pubmed/30745366)
Xu-Monette ZY, Xiao M, Au Q, Padmanabhan R, Xu B, Hoe N, *et al*
*Cancer Immunol Res 2019 Apr;7(4):644-657*

[Avoiding over- and undertreatment in patients with resected node-positive breast cancer with the use of gene expression signatures: are we there yet?](https://www.ncbi.nlm.nih.gov/pubmed/31131397)
Matikas A, Foukakis T, Swain S, Bergh J
*Ann. Oncol. 2019 Jul;30(7):1044-1050*

[Discontinuation of adjuvant hormone therapy among breast cancer patients not previously attending mammography screening.](https://www.ncbi.nlm.nih.gov/pubmed/30700300)
He W, Eriksson L, Törnberg S, Strand F, Hall P, Czene K
*BMC Med 2019 01;17(1):24*

[Monitoring structural modulation of redox-sensitive proteins in cells with MS-CETSA.](https://www.ncbi.nlm.nih.gov/pubmed/30925293)
Sun W, Dai L, Yu H, Puspita B, Zhao T, Li F, *et al*
*Redox Biol 2019 Jun;24():101168*

[Implant Based Breast Reconstruction With Acellular Dermal Matrix: Safety Data From an Open-label, Multicenter, Randomized, Controlled Trial in the Setting of Breast Cancer Treatment.](https://www.ncbi.nlm.nih.gov/pubmed/30308615)
Lohmander F, Lagergren J, Roy PG, Johansson H, Brandberg Y, Eriksen C, *et al*
*Ann. Surg. 2019 May;269(5):836-841*

[Sperm count in Swedish clinical stage I testicular cancer patients following adjuvant treatment.](https://www.ncbi.nlm.nih.gov/pubmed/30798330)
Weibring K, Nord C, Ståhl O, Eberhard J, Sandberg K, Johansson H, *et al*
*Ann. Oncol. 2019 Apr;30(4):604-611*

[HER2: defining a Neu target in non-small-cell lung cancer.](https://www.ncbi.nlm.nih.gov/pubmed/30715217)
Ekman S
*Ann. Oncol. 2019 Mar;30(3):353-355*

[FGFR4 phosphorylates MST1 to confer breast cancer cells resistance to MST1/2-dependent apoptosis.](https://www.ncbi.nlm.nih.gov/pubmed/30903103)
Turunen SP, von Nandelstadh P, Öhman T, Gucciardo E, Seashore-Ludlow B, Martins B, *et al*
*Cell Death Differ. 2019 Mar;():*

[Distinct Cancer-Promoting Stromal Gene Expression Depending on Lung Function.](https://www.ncbi.nlm.nih.gov/pubmed/30742544)
Sandri BJ, Masvidal L, Murie C, Bartish M, Avdulov S, Higgins L, *et al*
*Am. J. Respir. Crit. Care Med. 2019 Aug;200(3):348-358*

[Making immunotherapy 'cold' tumours 'hot' by chemotherapy-induced mutations-a misconception.](https://www.ncbi.nlm.nih.gov/pubmed/30698643)
Helleday T
*Ann. Oncol. 2019 Mar;30(3):360-361*

[Tisotumab vedotin in patients with advanced or metastatic solid tumours (InnovaTV 201): a first-in-human, multicentre, phase 1-2 trial.](https://www.ncbi.nlm.nih.gov/pubmed/30745090)
de Bono JS, Concin N, Hong DS, Thistlethwaite FC, Machiels JP, Arkenau HT, *et al*
*Lancet Oncol. 2019 Mar;20(3):383-393*

[Amot and Yap1 regulate neuronal dendritic tree complexity and locomotor coordination in mice.](https://www.ncbi.nlm.nih.gov/pubmed/31042703)
Rojek KO, Krzemień J, Doleżyczek H, Boguszewski PM, Kaczmarek L, Konopka W, *et al*
*PLoS Biol. 2019 May;17(5):e3000253*

[Horizontal Cell Biology: Monitoring Global Changes of Protein Interaction States with the Proteome-Wide Cellular Thermal Shift Assay (CETSA).](https://www.ncbi.nlm.nih.gov/pubmed/30939043)
Dai L, Prabhu N, Yu LY, Bacanu S, Ramos AD, Nordlund P
*Annu. Rev. Biochem. 2019 Jun;88():383-408*