

gene therapy

NCT Number		Title	Authors	Description	Identifier	Dates
1	pubmed:36105239	Molecular Mechanism of YuPingFeng in the Treatment of Asthma Based on Network Pharmacology and Molecular Docking Technology	Li Shen Jinmiao Lu Guangfei Wang Cheng Wang Zhiping Li	CONCLUSION: This study reflects the multicomponent, multitarget, and multipathway characteristics of YPF in treating asthma, providing a theoretical and scientific basis for the intervention of asthma by traditional Chinese medicine YPF.	pmid:36105239 pmc:PMC9467798 doi:10.1155/2022/7364126	Thu, 15 Sep 2022 06:00:00 -0400
2	pubmed:36105244	Optimization Method of an Antibreast Cancer Drug Candidate Based on Machine Learning	Zhibai Huang Shengji Jiang Weiqiang Xiao	Breast cancer is a common but serious and even lethal disease. Fortunately, compared with other cancers, breast cancer treatments currently are relatively well developed. The use of specific drugs is typically essential in the majority of breast cancer treatment strategies. Given the aforementioned factors, it is important to continue researching effective antibreast cancer drug design. Machine learning-based computer-aided drug design is currently a common practice in both drug industries and...	pmid:36105244 pmc:PMC9467812 doi:10.1155/2022/4133663	Thu, 15 Sep 2022 06:00:00 -0400
3	pubmed:36105391	Editorial: Molecular -genetic causes underlying primary adrenal insufficiency: Current insights into diagnosis and treatment	Maria Candida B V Fragoso Tânia A S S Bachega Liliana Dain	No abstract	pmid:36105391 pmc:PMC9465447 doi:10.3389/fendo.2022.995151	Thu, 15 Sep 2022 06:00:00 -0400
4	pubmed:36105399	25(OH)VitD and human endocrine and functional fertility parameters in women undergoing IVF/ICSI	Mei Tian Suimin Zeng Sufen Cai Christoph Reichetzeder Xiaoli Zhang Chenjun Yin Weihong Kuang Kexin Cheng Yao Jiang Mingqiu Tao Yuan Zeng Ge Lin Jian Li Fei Gong Berthold Hocher	CONCLUSIONS: Overall, there was only a rather weak correlation of free as well as total 25(OH)VitD with human endocrine and functional fertility parameters in women undergoing IVF/ICSI. Neither free nor total 25(OH)VitD seems to play a major role in human embryo implantation.	pmid:36105399 pmc:PMC9464865 doi:10.3389/fendo.2022.986848	Thu, 15 Sep 2022 06:00:00 -0400
5	pubmed:36105933	To Explore the Molecular Mechanism of Acupuncture Alleviating Inflammation and Treating Obesity Based on Text Mining	YiKuan Du LuLu He XinNi Ye ShuZhen Chen GuanHao Li YuanWei Yu ErBai Ye YiXing Huang YuQi Zhou WeiChui Zhang Chun Yang	CONCLUSION: (1) Acupuncture can regulate the expression of IL-6 through the TLR4/nuclear factor-B (NF-B) pathway, thereby alleviating inflammation, which can be used as a potential strategy for the treatment of obesity. (2) IL-6/STAT3 is closely related to the occurrence, development, and metastasis of pancreatic cancer. Acupuncture affecting pancreatic cancer through TLR4/NF-B/IL-6/STAT3 pathway may be a potential method for the treatment of pancreatic cancer.	pmid:36105933 pmc:PMC9467717 doi:10.1155/2022/3133096	Thu, 15 Sep 2022 06:00:00 -0400

NCT Number		Title	Authors	Description	Identifier	Dates
6	pubmed:36108116	HNRNPH2-Related Neurodevelopmental Disorder	Sehajvir Madhok Jennifer Bain	CLINICAL CHARACTERISTICS: Most individuals with HNRNPH2-related neurodevelopmental disorder (HNRNPH2-NDD) have symptoms early in life, before age 12 months. The major features of HNRNPH2-NDD are developmental delay / intellectual disability, motor and language delays, behavioral and psychiatric disorders, and growth and musculoskeletal abnormalities. Minor features include dysmorphic facies, gastrointestinal disturbances, epilepsy, and visual defects. Although HNRNPH2-NDD is an X-linked...	pmid:36108116 nbk:NBK584018	Fri, 01 Jan 1993 06:00:00 -0500
7	pubmed:36108117	TNXB-Related Classical-Like Ehlers-Danlos Syndrome	Fleur S van Dijk Neeti Ghali Serwet Demirdas Duncan Baker	CLINICAL CHARACTERISTICS: The clinical features of TNXB-related classical-like Ehlers-Danlos syndrome (cEDS) strongly resemble those seen in classic EDS (cEDS). Affected individuals have generalized joint hypermobility, hyperextensible skin, and easy bruising, but do not have atrophic scarring, as is seen in cEDS. There are also several other distinguishing clinical findings including anomalies of feet and hands, edema in the legs in the absence of cardiac failure, mild proximal and distal...	pmid:36108117 nbk:NBK584019	Fri, 01 Jan 1993 06:00:00 -0500
8	pubmed:36108391	All-trans retinoic acid enhances the anti-tumour effects of fimaporfin-based photodynamic therapy	Judith Jing Wen Wong Susanne Lorenz Pål Kristian Selbo	The vitamin A metabolite all-trans retinoic acid (ATRA; tretinoin) has anticancer potential. However, lack of clinical success has prevented its approval for solid tumours. Herein, we propose combining short-term low-dose ATRA with fimaporfin-based photodynamic therapy (ATRA+PDT) for the improved treatment of solid cancers. Compared to monotherapies, ATRA+PDT induced synergistic cytotoxic responses including promotion of apoptosis in colon and breast carcinoma cell lines. Neither enhanced...	pmid:36108391 doi:10.1016/j.biopha.2022.113678	Thu, 15 Sep 2022 06:00:00 -0400
9	pubmed:36108503	Refining patient selection of MET-activated non-small cell lung cancer through biomarker precision	Gillianne G Y Lai Robin Guo Alexander Drilon Daniel Shao Weng Tan	Dysregulated MET signaling plays an important role in lung oncogenesis, tumor growth and invasiveness. It may occur through various mechanisms, such as MET overexpression or gene amplification or mutation, all of which can be detected by specific methods. The utility of MET overexpression as a biomarker remains unclear due to discrepancies in its occurrence and non-standardized cut-off thresholds. MET exon 14 skipping mutation (METex14) was established as a strong predictor of response to...	pmid:36108503 doi:10.1016/j.ctrv.2022.102444	Thu, 15 Sep 2022 06:00:00 -0400
10	pubmed:36108571	Transcription factor NFE2L3 promotes the proliferation of esophageal squamous cell carcinoma cells and causes radiotherapy resistance by regulating IL-6	Tingting Chen Bing Xu Hui Chen Yuanyuan Sun Jiahang Song Xinchen Sun Xizhi Zhang Wei Hua	CONCLUSION: NFE2L3 can affect the radiosensitivity of ESCC cells through IL-6 transcription and IL-6/STAT3 signaling pathway. This makes NFE2L3 a putative target to regulate ESCC cell radiosensitivity.	pmid:36108571 doi:10.1016/j.cmpb.2022.107102	Thu, 15 Sep 2022 06:00:00 -0400

NCT Number		Title	Authors	Description	Identifier	Dates
11	pubmed:36108629	Sex differences in brain tumor glutamine metabolism reveal sex-specific vulnerabilities to treatment	Jasmin Sponagel Jill K Jones Cheryl Frankfater Shanshan Zhang Olivia Tung Kevin Cho Kelsey L Tinkum Hannah Gass Elena Nunez Douglas R Spitz Prakash Chinnaiyan Jacob Schaefer Gary J Patti Maya S Graham Audrey Mauguen Milan Grkovski Mark P Dunphy Simone Krebs Jingqin Luo Joshua B Rubin Joseph E Ippolito	CONCLUSION: Our results show that clinically important sex differences exist in targetable elements of metabolism. Recognition of sex-biased metabolism may improve treatments through further laboratory and clinical research.	pmid:36108629 doi:10.1016/j.medj.2022.08.005	Thu, 15 Sep 2022 06:00:00 -0400
12	pubmed:36108649	The More Recent History of Hemophilia Treatment	Massimo Franchini Pier Mannuccio Mannucci	The availability first in the 1970s of plasma-derived and then in the 1990s of recombinant clotting factor concentrates represented a milestone in hemophilia care, enabling not only treatment of episodic bleeding events but also implementation of prophylactic regimens. The treatment of hemophilia has recently reached new landmarks. The traditional clotting factor replacement therapy for hemophilia has been substituted over the last 10 years by novel treatments such as bioengineered factor VIII...	pmid:36108649 doi:10.1055/s-0042-1756188	Thu, 15 Sep 2022 06:00:00 -0400

NCT Number		Title	Authors	Description	Identifier	Dates
13	pubmed:36108710	Molecular markers of response to anti-PD1 therapy in advanced hepatocellular carcinoma	Philipp K Haber Florian Castet Miguel Torres-Martin Carmen Andreu-Oller Marc Puigvehí Miho Maeda Pompilia Radu Jean-Francois Dufour Chris Verslype Carolyn Czauderna Jens U Marquardt Peter R Galle Arndt Vogel Melanie Bathon Tim Meyer Ismail Labgaa Antonia Digklia Lewis R Roberts Mohamed A Mohamed Ali Beatriz Mínguez Davide Citterio Vincenzo Mazzaferro Fabian Finkelmeier Jörg Trojan Burcin Özdirik Tobias Müller Moritz Schmelzle Anthony Bejjani Max W Sung Myron E Schwartz Richard S Finn Swan Thung Augusto Villanueva Daniela Sia Josep M Llovet	CONCLUSION: IFN-signaling and MHCII-related genes are key molecular features of HCCs responding to anti-PD1. A novel 11-gene signature predicts response in frontline aHCC - but not in patients pre-treated with TKIs. These results have to be confirmed in prospective studies and highlight the need for biopsies prior immunotherapy to identify biomarkers of response.	pmid:36108710 doi:10.1053/j.gastro.2022.09.005	Thu, 15 Sep 2022 06:00:00 -0400
14	pubmed:36108742	The SET-domain protein CgSet4 negatively regulates antifungal drug resistance via the ergosterol biosynthesis transcriptional regulator CgUpc2a	Priyanka Bhakt Mayur Raney Rupinder Kaur	Invasive fungal infections, that pose a serious threat to human health, are increasingly associated with high a mortality rate and elevated healthcare costs, owing to rising resistance to current antifungals and emergence of multidrug-resistant fungal species. Candida glabrata is the second to fourth common cause of Candida bloodstream infections. Its high propensity to acquire resistance towards two mainstream drugs, azoles (inhibit ergosterol biosynthesis) and echinocandins (target cell wall),...	pmid:36108742 doi:10.1016/j.jbc.2022.102485	Thu, 15 Sep 2022 06:00:00 -0400
15	pubmed:36108787	Molecular insight into the study of adult T-cell leukemia/lymphoma (ATLL): Ten-year studies on HTLV-1 associated diseases in an endemic region	Fereshteh Ashrafi Masooma Rahimzada Mahsa Parandi Ali Mirhosseini Baratali Mashkani Sanaz Ahmadi Ghezeldasht Ararsh Soltani Houshang Rafatpanah Arman Mosavat Seyed Abdolrahim Rezaee	The outcome of successful infection, including human T-cell leukemia virus type 1 (HTLV-1), is determined by the interactions between the host and the infectious agent. Ten years of work on HTLV-1-associated diseases in an endemic region of Iran have been critically compared in the present study. The outstanding findings of RNA-seq, system biology analysis, and gene expression measurements on adult T-cell leukemia/lymphoma (ATLL) and enzootic bovine leukosis(EBL) in our lab encouraged us to...	pmid:36108787 doi:10.1016/j.gene.2022.146885	Thu, 15 Sep 2022 06:00:00 -0400

NCT Number		Title	Authors	Description	Identifier	Dates
16	pubmed:36108792	Multifunctional nanotheranostics for near infrared optical imaging-guided treatment of brain tumors	Li Zhang Yue Liu Haiyan Huang Hui Xie Baozhu Zhang Wujiong Xia Bing Guo	Malignant brain tumors, a heterogeneous group of primary and metastatic neoplasms in the central nervous system (CNS), are notorious for their highly invasive and devastating characteristics, dismal prognosis and low survival rate. Recently, near-infrared (NIR) optical imaging modalities including fluorescence imaging (FLI) and photoacoustic imaging (PAI) have displayed bright prospect in innovation of brain tumor diagnoses, due to their merits, like noninvasiveness, high spatiotemporal...	pmid:36108792 doi:10.1016/j.addr.2022.114536	Thu, 15 Sep 2022 06:00:00 -0400
17	pubmed:36108961	Significance of HOXD transcription factors family in progression, migration and angiogenesis of cancer	Lumin Wang Qiao Chenyang Li Cao Shuang Cai Ma Xiaoping Xinqiu Song Jiang Qiuyu Chen Huang Jinhai Wang	The transcription factors (TFs) of the HOX family play significant roles during early embryonic development and cellular processes. They also play a key role in tumorigenesis as tumor oncogenes or suppressors. Furthermore, TFs of the HOXD gene cluster affect proliferation, migration, and invasion of tumors. Consequently, dysregulated activity of HOXD TFs has been linked to clinicopathological characteristics of cancer. HOXD TFs are regulated by non-coding RNAs and methylation of DNA on promoter...	pmid:36108961 doi:10.1016/j.critrevonc.2022.103809	Thu, 15 Sep 2022 06:00:00 -0400
18	pubmed:36109099	Tuning Mesoporous Silica Nanoparticles in Novel Avenues of Cancer Therapy	Saurabh Shah Paras Famta Deepkumar Bagasariya Kondasingh Charankumar Anupama Sikder Rama Kashikar Arun K Kotha Mahavir Bhupal Chougule Dharmendra Kumar Khatri Amit Asthana Rajeev Singh Raghuvanshi Shashi Bala Singh Saurabh Srivastava	The global menace of cancer has led to an increased death toll in recent years. The constant evolution of cancer therapeutics with novel delivery systems has paved the way for translation of innovative therapeutics from bench to bedside. This review explains the significance of mesoporous silica nanoparticles (MSNs) as delivery vehicles with particular emphasis on cancer therapy, including novel opportunities for biomimetic therapeutics and vaccine delivery. Parameters governing MSN synthesis,...	pmid:36109099 doi:10.1021/acs.molpharmaceut.2c00374	Thu, 15 Sep 2022 06:00:00 -0400
19	pubmed:36109320	Environmental oxygen affects ex vivo growth and proliferation of mesenchymal progenitors by modulating mitogen-activated protein kinase and mammalian target of rapamycin signaling	Maria da Graça Cabreira Xiaohong Wang Andre Critsinelis Mekedlawit Setegne Parisa Lotfi Ying-Wooi Wan Gabriela Barrios Zhuyong Mei Adrian P Gee Louis Maximilian Buja Emerson Perin	CONCLUSIONS: Based on the potential benefits for the growth and metabolism of MSCs, the authors propose the use of 5% O(2) for MSC culture.	pmid:36109320 doi:10.1016/j.jcyt.2022.06.005	Thu, 15 Sep 2022 06:00:00 -0400
20	pubmed:36109321	A risk-based approach for cell line development, manufacturing and characterization of genetically engineered, induced pluripotent stem cell-derived allogeneic cell therapies	Jennifer L Dashnau Qiong Xue Monica Nelson Eric Law Lan Cao Derek Hei	Advances in cellular reprogramming and gene-editing approaches have opened up the potential for a new class of ex vivo cell therapies based on genetically engineered, induced pluripotent stem cell (iPSC)-derived allogeneic cells. While these new therapies share some similarities with their primary cell-derived autologous and allogeneic cell therapy predecessors, key differences exist in the processes used for generating genetically engineered, iPSC-derived allogeneic therapies. Specifically, in...	pmid:36109321 doi:10.1016/j.jcyt.2022.08.001	Thu, 15 Sep 2022 06:00:00 -0400

NCT Number		Title	Authors	Description	Identifier	Dates
21	pubmed:36109402	Prognostic value of comprehensive typing based on m6A and gene cluster in TNBC	Haoming Wu Jikun Feng Jundong Wu Wenjing Zhong Xiazi Zouxu Weiling Huang Xinjian Huang Jiarong Yi Xi Wang	CONCLUSIONS: N6-adenylic acid methylation (m6A) was important in altering the prognosis of TNBC patients, and the key m6A-associated genes in this process were YTHDF2, RBM15B, IGFBP3, and WTAP. Furthermore, the comprehensive typing based on m6A and gene clusters was useful in predicting TNBC patients' prognosis, showing potential as valuable evaluating tools for TNBC.	pmid:36109402 doi:10.1007/s00432-022-04345-y	Thu, 15 Sep 2022 06:00:00 -0400
22	pubmed:36109452	Expression of a Secretable, Cell-Penetrating CDKL5 Protein Enhances the Efficacy of Gene Therapy for CDKL5 Deficiency Disorder	Giorgio Medici Marianna Tassinari Giuseppe Galvani Stefano Bastianini Laura Gennaccaro Manuela Loi Nicola Mottolese Sara Alvente Chiara Berteotti Giulia Sagona Leonardo Lupori Giulia Candini Helen Rappe Baggett Giovanna Zoccoli Maurizio Giustetto Alysson Muotri Tommaso Pizzorusso Hiroyuki Nakai Stefania Trazzi Elisabetta Ciani	Although delivery of a wild-type copy of the mutated gene to cells represents the most effective approach for a monogenic disease, proof-of-concept studies highlight significant efficacy caveats for treatment of brain disorders. Herein, we develop a cross-correction-based strategy to enhance the efficiency of a gene therapy for CDKL5 deficiency disorder, a severe neurodevelopmental disorder caused by CDKL5 gene mutations. We created a gene therapy vector that produces an Igk-TATk-CDKL5 fusion...	pmid:36109452 doi:10.1007/s13311-022-01295-8	Thu, 15 Sep 2022 06:00:00 -0400
23	pubmed:36109526	Inhibition of UBA6 by inosine augments tumour immunogenicity and responses	Lei Zhang Li Jiang Liang Yu Qin Li Xiangjun Tian Jingquan He Ling Zeng Yuqin Yang Chaoran Wang Yuhan Wei Xiaoyue Jiang Jing Li Xiaolu Ge Qisheng Gu Jikun Li Di Wu Anthony J Sadler Di Yu Dakang Xu Yue Gao Xiangliang Yuan Baokun He	Anti-cancer immunity and response to immune therapy is influenced by the metabolic states of the tumours. Immune checkpoint blockade therapy (ICB) is known to involve metabolic adaptation, however, the mechanism is not fully known. Here we show, by metabolic profiling of plasma samples from melanoma-bearing mice undergoing anti-PD1 and anti-CTLA4 combination therapy, that higher levels of purine metabolites, including inosine, mark ICB sensitivity. Metabolic profiles of ICB-treated human cancers...	pmid:36109526 doi:10.1038/s41467-022-33116-z	Thu, 15 Sep 2022 06:00:00 -0400
24	pubmed:36109566	Orphan drug development in alpha-1 antitrypsin deficiency	Franziska C Trudzinski Maria Ada Presotto Emanuel Buck Felix J F Herth Markus Ries	Alpha-1 antitrypsin deficiency (AATD, OMIM #613490) is a rare metabolic disorder affecting lungs and liver. The purpose of this study is to assess the impact of the US orphan drug act on AATD by providing a quantitative clinical-regulatory insight into the status of FDA orphan drug approvals and designations for compounds intended to treat AATD. This is across-sectional analysis of the FDA database for orphan drug designations. Primary endpoint: orphan drug approvals. Secondary endpoint: orphan...	pmid:36109566 doi:10.1038/s41598-022-19707-2	Thu, 15 Sep 2022 06:00:00 -0400

NCT Number		Title	Authors	Description	Identifier	Dates
25	pubmed:36109789	Recent advances and limitations of mTOR inhibitors in the treatment of cancer	Eunus S Ali Kangkana Mitra Shamima Akter Sarker Ramproshad Banani Mondal Ishaq N Khan Muhammad Torequl Islam Javad Sharifi-Rad Daniela Calina William C Cho	The PI3K-Akt-mechanistic (formerly mammalian) target of the rapamycin (mTOR) signaling pathway is important in a variety of biological activities, including cellular proliferation, survival, metabolism, autophagy, and immunity. Abnormal PI3K-Akt-mTOR signalling activation can promote transformation by creating a cellular environment conducive to it. Deregulation of such a system in terms of genetic mutations and amplification has been related to several human cancers. Consequently, mTOR has been...	pmid:36109789 doi:10.1186/s12935-022-02706-8	Thu, 15 Sep 2022 06:00:00 -0400
26	pubmed:36109793	RETSAT associates with DDX39B to promote fork restarting and resistance to gemcitabine based chemotherapy in pancreatic ductal adenocarcinoma	Qiu Tu Xiuyun Liu Xiaoqing Yao Ruixue Li Gaojing Liu Honglv Jiang Kaiqin Li Qiongfang Chen Xiaoyan Huang Qing Chang Guoqiang Xu Hong Zhu Peng Shi Bo Zhao	CONCLUSIONS: This study identified RETSAT as a novel replication fork protein, which functions through interacting with DDX39B mediated R-loop clearance to promote fork restarting, leading to cellular resistance to replication stresses co-induced by tumor environmental hypoxia and gemcitabine in pancreatic ductal adenocarcinoma.	pmid:36109793 doi:10.1186/s13046-022-02490-3	Thu, 15 Sep 2022 06:00:00 -0400
27	pubmed:36109798	A novel molecular signature identifies mixed subtypes in renal cell carcinoma with poor prognosis and independent response to immunotherapy	Florian A Büttner Stefan Winter Viktoria Stühler Steffen Rausch Jörg Hennenlotter Susanne Füßel Stefan Zastrow Matthias Meinhardt Marieta Toma Carmen Jerónimo Rui Henrique Vera Miranda-Gonçalves Nils Kröger Silvia Ribback Arndt Hartmann Abbas Agaimy Christine Stöhr Iris Polifka Falko Fend Marcus Scharpf Eva Comperat Gabriel Wasinger Holger Moch Arnulf Stenzl Marco Gerlinger Jens Bedke Matthias Schwab Elke Schaeffeler	CONCLUSION: Switching from categorical to continuous subtype classification across most frequent RCC subtypes enables outcome prediction and fosters personalized treatment strategies.	pmid:36109798 doi:10.1186/s13073-022-01105-y	Thu, 15 Sep 2022 06:00:00 -0400

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28	pubmed:36110109	Case report: First case report of an Emirati child with a novel gene variant causing aromatic L-amino acid decarboxylase deficiency	Mohamed O E Babiker Manju A Kurian Jehan Suleiman	Aromatic L-amino acid decarboxylase (AADC) deficiency is a rare, neurometabolic disorder resulting from biallelic mutations in the dopa decarboxylase (DDC) gene. This is the first reported case of AADC deficiency in the United Arab Emirates (UAE) and describes an Emirati male patient who presented in the first few months of life with a severe phenotype of global hypotonia, developmental delay and oculogyric crisis. Following whole exome sequencing, a novel homozygous mutation in the DDC gene...	pmid:36110109 pmc:PMC9468477 doi:10.3389/fped.2022.964201	Fri, 16 Sep 2022 06:00:00 -0400
29	pubmed:36110110	Intraoperative Neuromonitoring for Pediatric Pelvic Tumors	Alessandro Crocoli Cristina Martucci Franco Randi Viviana Ponzo Alessandro Trucchi Maria Debora De Pasquale Carlo Efisio Marras Alessandro Inserra	BACKGROUND: Tumors of the pre-sacral and sacral spaces are a rare occurrence in children. Total tumor excision is required due to the significant risk of relapse in the event of partial surgery, but the surgical procedure may lead to postoperative problems such as urinary, sexual, and anorectal dysfunctions. Intraoperative neuromonitoring (IONM) has gained popularity in recent years as a strategy for preventing the onset of neurologic impairments by combining several neurophysiological...	pmid:36110110 pmc:PMC9468478 doi:10.3389/fped.2022.949037	Fri, 16 Sep 2022 06:00:00 -0400
30	pubmed:36110204	Prognostic and immune-related value of complement C1Q (C1QA, C1QB, and C1QC) in skin cutaneous melanoma	Huanglong Yang Dehui Che Yuxiang Gu Dongsheng Cao	Background: Skin cutaneous melanoma (SKCM) is a common malignancy that is associated with increased morbidity and mortality. Complement C1Q is composed of C1QA, C1QB, and C1QC and is involved in the occurrence and development of many malignant tumours. However, the effect of C1QA, C1QB, and C1QC expression on tumour immunity and prognosis of cutaneous melanoma remains unclear. Methods: First, we analysed C1QA, C1QB, and C1QC expression levels and prognostic values using Gene Expression Profiling...	pmid:36110204 pmc:PMC9468976 doi:10.3389/fgene.2022.940306	Fri, 16 Sep 2022 06:00:00 -0400
31	pubmed:36110210	Stemness analysis in hepatocellular carcinoma identifies an extracellular matrix gene-related signature associated with prognosis and therapy response	Lei Chen Dafang Zhang Shengmin Zheng Xinyu Li Pengji Gao	Background: Tumor stemness is the stem-like phenotype of cancer cells, as a hallmark for multiple processes in the development of hepatocellular carcinoma (HCC). However, comprehensive functions of the regulators of tumor cell's stemness in HCC remain unclear. Methods: Gene expression data and clinical information of HCC samples were downloaded from The Cancer Genome Atlas (TCGA) dataset as the training set, and three validation datasets were derived from Gene Expression Omnibus (GEO) and...	pmid:36110210 pmc:PMC9468756 doi:10.3389/fgene.2022.959834	Fri, 16 Sep 2022 06:00:00 -0400
32	pubmed:36110213	Pan-cancer analysis of the prognosis and immunological role of AKAP12: A potential biomarker for resistance to anti-VEGF inhibitors	Qiuju Liang Jinwu Peng Zhijie Xu Zhilan Li Feng Jiang Lingzi Ouyang Shangjun Wu Chencheng Fu Ying Liu Yuanhong Liu Yuanliang Yan	The primary or acquired resistance to anti-VEGF inhibitors remains a common problem in cancer treatment. Therefore, identifying potential biomarkers enables a better understanding of the precise mechanism. Through the GEO database, three profiles associated with bevacizumab (BV) resistance to ovarian cancer, glioma, and non-small-cell lung carcinoma, respectively, were collected for the screening process, and two genes were found. A-kinase anchor protein 12 (AKAP12), one of these two genes,...	pmid:36110213 pmc:PMC9468827 doi:10.3389/fgene.2022.943006	Fri, 16 Sep 2022 06:00:00 -0400

NCT Number		Title	Authors	Description	Identifier	Dates
33	pubmed:36110328	lncRNA HOTAIR functions and therapeutic perspectives	Sabrina Garbo Marco Tripodi Cecilia Battistelli	Long non-coding RNAs (lncRNAs) exert central pathophysiological roles through the regulation of gene expression both at transcriptional and post-transcriptional levels. The characterization of lncRNAs' interactome is disclosing several new mechanisms that control disease onset and progression thus opening the way to the development of new pioneering therapeutic approaches. Regarding the lncRNA HOTAIR, found upregulated in several cancers and in liver fibrosis, it has been proved as a potential...	pmid:36110328 pmc:PMC9469907 doi:10.18632/oncoscience.563	Fri, 16 Sep 2022 06:00:00 -0400
34	pubmed:36110512	Genetic variants associated with steatohepatitis and liver fibrosis in HIV-infected patients with NAFLD	C Busca P Arias M Sánchez-Conde M Rico R Montejano L Martín-Carbonero E Valencia V Moreno J I Bernardino A Oliveira M Abadía J González-García M L Montes	Background and aims: Nonalcoholic fatty liver disease (NAFLD) is a common cause of liver damage in people living with HIV (PLWHIV). Several studies have investigated candidate genes for susceptibility to NAFLD and to steatohepatitis. PNPLA3, TM6SF2, and MBOAT7-TMC4 have been reported to be associated with elevated ALT levels and the histologic parameters of nonalcoholic steatohepatitis and severity of fibrosis. Our objective was to analyze the relationship between PNPLA3, TM6SF2, and MBOAT7-TMC4...	pmid:36110512 pmc:PMC9468702 doi:10.3389/fphar.2022.905126	Fri, 16 Sep 2022 06:00:00 -0400
35	pubmed:36110516	The mechanism of action of a novel neuroprotective low molecular weight dextran sulphate: New platform therapy for neurodegenerative diseases like Amyotrophic Lateral Sclerosis	Ann Logan Antonio Belli Valentina Di Pietro Barbara Tavazzi Giacomo Lazzarino Renata Mangione Giuseppe Lazzarino Inés Morano Omar Qureshi Lars Bruce Nicholas M Barnes Zsuzsanna Nagy	Background: Acute and chronic neurodegenerative diseases represent an immense socioeconomic burden that drives the need for new disease modifying drugs. Common pathogenic mechanisms in these diseases are evident, suggesting that a platform neuroprotective therapy may offer effective treatments. Here we present evidence for the mode of pharmacological action of a novel neuroprotective low molecular weight dextran sulphate drug called ILB^(®). The working hypothesis was that ILB^(®) acts via the...	pmid:36110516 pmc:PMC9468270 doi:10.3389/fphar.2022.983853	Fri, 16 Sep 2022 06:00:00 -0400
36	pubmed:36110526	Intranasal delivery: An attractive route for the administration of nucleic acid based therapeutics for CNS disorders	Pranav Shah Manisha Lalan Kalyani Barve	The etiologies of several cardiovascular, inflammatory, neurological, hereditary disorders, cancer, and infectious diseases have implicated changes in the genetic set up or genetic mutations as the root cause. Nucleic acid based therapeutics (NBTs) is a new class of biologics that are known to regulate gene expression at the transcriptional and post-transcriptional level. The NBTs include oligonucleotides, nucleosides, antisense RNA, small interfering RNAs, micro RNA etc. In recent times, this...	pmid:36110526 pmc:PMC9469903 doi:10.3389/fphar.2022.974666	Fri, 16 Sep 2022 06:00:00 -0400

NCT Number		Title	Authors	Description	Identifier	Dates
37	pubmed:36110528	Comprehensive bioinformatics analysis to identify a novel cuproptosis-related prognostic signature and its ceRNA regulatory axis and candidate traditional Chinese medicine active ingredients in lung adenocarcinoma	Shaohui Wang Nan Xing Xianli Meng Li Xiang Yi Zhang	Lung adenocarcinoma (LUAD) is the most ordinary histological subtype of lung cancer, and regulatory cell death is an attractive target for cancer therapy. Recent reports suggested that cuproptosis is a novel copper-dependent modulated form of cell death dependent on mitochondrial respiration. However, the role of cuproptosis-related genes (CRGs) in the LUAD process is unclear. In the current study, we found that DLD, LIAS, PDHB, DLAT and LIPA1 in 10 differentially expressed CRGs were central...	pmid:36110528 pmc:PMC9468865 doi:10.3389/fphar.2022.971867	Fri, 16 Sep 2022 06:00:00 -0400
38	pubmed:36110562	Nanocarriers for delivery of siRNA as gene silencing mediator	Aideé Morales-Becerril Liliana Aranda-Lara Keila Isaac-Olivé Blanca E Ocampo-García Enrique Morales-Ávila	The term nanocarrier refers to sub-micrometric particles of less than 100 nm, designed to transport, distribute, and release nanotechnology-based drug delivery systems. siRNA therapy is a novel strategy that has great utility for a variety of treatments, however naked siRNA delivery has not been an effective strategy, resulting in the necessary use of nanocarriers for delivery. This review aims to highlight the versatility of carriers based on smart drug delivery systems. The nanocarriers based...	pmid:36110562 pmc:PMC9441682 doi:10.17179/excli2022-4975	Fri, 16 Sep 2022 06:00:00 -0400
39	pubmed:36110938	Dissecting a hypoxia-related angiogenic gene signature for predicting prognosis and immune status in hepatocellular carcinoma	Guixiong Zhang Yitai Xiao Xiaokai Zhang Wenzhe Fan Yue Zhao Yanqin Wu Hongyu Wang Jiaping Li	CONCLUSIONS: The gene signature based on HRAGs was predictive of prognosis and provided an immunological perspective that will facilitate the development of personalized therapies.	pmid:36110938 pmc:PMC9468769 doi:10.3389/fonc.2022.978050	Fri, 16 Sep 2022 06:00:00 -0400
40	pubmed:36110940	Prediction of response to systemic treatment by kinetics of circulating tumor DNA in metastatic pancreatic cancer	Patrick Kirchweger Alexander Kupferthaler Jonathan Burghofer Gerald Webersinke Emina Jukic Simon Schwendinger Helwig Wundsam Matthias Biebl Andreas Petzer Holger Rumpold	CONCLUSION: The change in magnitude of ctDNA during systemic treatment allows the prediction of treatment response and is associated with both OS and PFS. This finding adds significant clinical potential to the already established prognostic value of ctDNA positivity in metastatic pancreatic cancer.	pmid:36110940 pmc:PMC9468369 doi:10.3389/fonc.2022.902177	Fri, 16 Sep 2022 06:00:00 -0400
41	pubmed:36110941	Systematic assessment of microRNAs associated with lung cancer and physical exercise	Yang Liu Libo He Wang Wang	It has long been evident that physical exercise reduces the risk of cancer and improves treatment efficacy in tumor patients, particularly in lung cancer (LC). Several molecular mechanisms have been reported, but the mechanisms related to microRNAs (miRNAs) are not well understood. MiRNAs modulated various basic biological processes by negatively regulating gene expression and can be transmitted between cells as signaling molecules. Recent studies have shown that miRNAs are actively released...	pmid:36110941 pmc:PMC9468783 doi:10.3389/fonc.2022.917667	Fri, 16 Sep 2022 06:00:00 -0400

NCT Number		Title	Authors	Description	Identifier	Dates
42	pubmed:36110946	Identification of cuprotosis-mediated subtypes, the development of a prognosis model, and influence immune microenvironment in hepatocellular carcinoma	Jingjing Xiao Zhenhua Liu Jinlong Wang Shuaimin Zhang Yi Zhang	CONCLUSIONS: In summary, we identified three cuprotosis-mediated patterns in HCC. And CMPRGs are a promising candidate biomarker for HCC early detection, owing to their strong performance in predicting HCC prognosis and therapy. Quantifying cuprotosis-mediated patterns in individual samples may help improve the understanding of multiomic characteristics and guide the development of targeted therapy for HCC.	pmid:36110946 pmc:PMC9468823 doi:10.3389/fonc.2022.941211	Fri, 16 Sep 2022 06:00:00 -0400
43	pubmed:36110953	Development and validation of a prognosis prediction model based on 18 endoplasmic reticulum stress-related genes for patients with lung adenocarcinoma	Long Shu Shuang Liu Yongguang Tao	CONCLUSION: We developed and validated an ER stress-related risk model that exhibited great predictive value for OS in patients with LUAD. Our work also expanded the understanding of the role of ER stress in LUAD.	pmid:36110953 pmc:PMC9469654 doi:10.3389/fonc.2022.902353	Fri, 16 Sep 2022 06:00:00 -0400
44	pubmed:36110969	SHMT2 regulates serine metabolism to promote the progression and immunosuppression of papillary renal cell carcinoma	Weiyu Kong Zhongyuan Wang Nuoran Chen Yiwen Mei Yang Li Yulin Yue	Recent research has demonstrated the diverse relationship between tumour metabolism and the tumour microenvironment (TME), for example, abnormal serine metabolism. This study investigated the role of serine metabolism in papillary renal cell carcinoma (pRCC) focusing on the prognostic value and regulatory mechanisms. Gene expression profiles and clinical data of patients with pRCC were obtained from The Cancer Genome Atlas (TCGA) database and Gene Expression Omnibus (GEO) database. Kaplan-Meier...	pmid:36110969 pmc:PMC9468258 doi:10.3389/fonc.2022.914332	Fri, 16 Sep 2022 06:00:00 -0400
45	pubmed:36111030	A lung adenocarcinoma patient with <i>ROS1</i> fusion and <i>NBN</i> germline mutation achieves long progression-free survival from sintilimab combined with niraparib after failure of <i>ROS1</i> inhibitors: a case report	Fangye Xu Chunmei Xiao Weijie Sun Yuange He Roberto Chalela Ken Masuda Paola Ulivi Kai Shen Qianwen Shao Jiali Xu Lianke Liu	CONCLUSIONS: This case shows that the combination of small-molecule inhibitors and immunotherapy may improve survival in NSCLC patients with driver genes, and sintilimab combined with niraparib provides a successful clinical case for the treatment of refractory tumors HRR gene mutation, which can be used as a reference for personalized treatment. Of course, more clinical trials are needed to confirm this combination treatment strategy.	pmid:36111030 pmc:PMC9469170 doi:10.21037/atm-22-3582	Fri, 16 Sep 2022 06:00:00 -0400
46	pubmed:36111105	B cells in systemic lupus erythematosus: Targets of new therapies and surveillance tools	Ioannis Parodis Mariele Gatto Christopher Sjöwall	B cell hyperactivity is a hallmark of the complex autoimmune disease systemic lupus erythematosus (SLE), which has justified drug development focusing on B cell altering agents during the last decades, as well as the off-label use of B cell targeting biologics. About a decade ago, the anti-B cell activating factor (BAFF) belimumab was the first biological agent to be licensed for the treatment of adult patients with active yet non-renal and non-neuropsychiatric SLE, to later be expanded to...	pmid:36111105 pmc:PMC9468481 doi:10.3389/fmed.2022.952304	Fri, 16 Sep 2022 06:00:00 -0400

NCT Number		Title	Authors	Description	Identifier	Dates
47	pubmed:36111167	ZFP36 Inhibits Tumor Progression of Human Prostate Cancer by Targeting CDK6 and Oxidative Stress	Dongbo Yuan Yinyi Fang Weiming Chen Kehua Jiang Guohua Zhu Wei Wang Wei Zhang Ganhua You Zhenyu Jia Jianguo Zhu	CONCLUSIONS: In PCa, ZFP36 might be a tumor suppressor that regulated growth, invasion, and migration of PCa cells. The lately discovered ZFP36-CDK6 axis demonstrated the molecular mechanism of PCa progression to a certain extent which might act as a new possible therapeutic target of PCa therapy.	pmid:36111167 pmc:PMC9470309 doi:10.1155/2022/3611540	Fri, 16 Sep 2022 06:00:00 -0400
48	pubmed:36111202	Diet X Gene Interactions Control Femoral Bone Adaptation to Low Dietary Calcium	Krittikan Chanpaisaeng Perla C Reyes-Fernandez Brian Dilkes James C Fleet	Genetics and dietary calcium (Ca) are each critical regulators of peak bone mass but it is unclear how genetics alters the physiologic response of bone to dietary Ca restriction (RCR). Here, we conducted genetic mapping in C57BL/6J × DBA/2J (BXD) recombinant inbred mouse lines to identify environmentally sensitive loci controlling whole-bone mass (bone mineral density [BMD], bone mineral content [BMC]), distal trabecular bone, and cortical bone midshaft of the femur. Mice were fed adequate...	pmid:36111202 pmc:PMC9465001 doi:10.1002/jbm4.10668	Fri, 16 Sep 2022 06:00:00 -0400
49	pubmed:36111273	Precocious Puberty in a Boy With Bilateral Leydig Cell Tumors due to a Somatic Gain-of-Function LHCGR Variant	Chelsi Flippo Vipula Kolli Melissa Andrew Seth Berger Tricia Bhatti Alison M Boyce Daniel Casella Michael T Collins Emmanuèle Délot Joseph Devaney Stephen M Hewitt Thomas Kolon Ashwini Mallappa Perrin C White Deborah P Merke Andrew Dauber	CONCLUSION: We report a young boy with severe gonadotropin-independent precocious puberty beginning in infancy who developed bilateral diffuse Leydig cell tumors at age 5 years due to a somatic gain-of-function p.Asp578His variant in LHCGR. The gain-of-function nature of the LHCGR variant and the developmental timing of the somatic mutation likely play a role in the risk of tumor formation. Abiraterone (a CYP17A1 inhibitor), in combination with an antiandrogen, aromatase inhibitor, and...	pmid:36111273 pmc:PMC9469925 doi:10.1210/jendso/bvac127	Fri, 16 Sep 2022 06:00:00 -0400
50	pubmed:36111346	The pathophysiological mechanisms underlying diabetic retinopathy	Lindan Wei Xin Sun Chenxi Fan Rongli Li Shuanglong Zhou Hongsong Yu	Diabetic retinopathy (DR) is the most common complication of diabetes mellitus (DM), which can lead to visual impairment and even blindness in severe cases. DR is generally considered to be a microvascular disease but its pathogenesis is still unclear. A large body of evidence shows that the development of DR is not determined by a single factor but rather by multiple related mechanisms that lead to different degrees of retinal damage in DR patients. Therefore, this article briefly reviews the...	pmid:36111346 pmc:PMC9468825 doi:10.3389/fcell.2022.963615	Fri, 16 Sep 2022 06:00:00 -0400
51	pubmed:36111443	NSABP FC-6: Surgical conversion rate in colorectal cancer patients with unresectable, KRAS wild-type liver metastases receiving mFOLFOX7 plus cetuximab	Lawrence D Wagman David A Geller Samuel A Jacobs Nicholas J Petrelli Carmen J Allegra Corey Lipchik Katherine L Pogue-Geile Ashok Srinivasan Ying Wang Michael J O'Connell NSABP FC-6 Study Group	CONCLUSIONS: Although 15/20 (75%) converted to R0 resection, by 2 years, 10/15 R0 resections had recurred. Therefore, chemotherapy plus cetuximab is of limited long-term benefit in this setting. ctDNA analysis may guide additional therapy including immunotherapy.	pmid:36111443 doi:10.1002/jso.27078	Fri, 16 Sep 2022 06:00:00 -0400

NCT Number		Title	Authors	Description	Identifier	Dates
52	pubmed:36111489	Intratumor heterogeneity of cancer stem cellrelated genes and their potential regulatory microRNAs in metastasizing colorectal carcinoma	Kristian Urh Nina Zidar Aleš Tomaži Emanuela Boštjani	Intratumor heterogeneity (ITH) is related to cancer progression, therapy resistance and recurrences, and is one of the challenging fields in cancerogenesis research. Cancer stem cells (CSC) are thought to be crucially involved in the pathogenesis of several cancer types, including colorectal carcinoma (CRC), and associated with ITH. In the present study, the expression gradient of four genes related to CSC (L1TD1, SLITRK6, ST6GALNAC1 and TCEA3) and their potential regulatory microRNAs (miRNAs)...	pmid:36111489 doi:10.3892/or.2022.8408	Fri, 16 Sep 2022 06:00:00 -0400
53	pubmed:36111656	Emerging role of mitochondria in response to HBV infection	Caorui Lin Qishui Ou	Hepatitis B is a major global health problem that potentially life-threatening liver infection caused by the hepatitis B virus (HBV), which can lead to death due to liver cirrhosis and hepatocellular carcinoma (HCC). A considerable of research has demonstrated that mitochondrial dysfunction exists in patients with HBV infection, indicating that there is clinical relation between HBV infection and mitochondrial alterations. To explore the complex interplay between the functions of mitochondria...	pmid:36111656 doi:10.1002/jcla.24704	Fri, 16 Sep 2022 06:00:00 -0400
54	pubmed:36111754	Characteristics of BAY 2599023 in the Current Treatment Landscape of Hemophilia A Gene Therapy	Steven W Pipe Valder R Arruda Claudia Lange Stephen Kitchen Hermann Eichler Samuel Wadsworth	Hemophilia A, a single gene disorder leading to deficient Factor VIII (FVIII), is a suitable candidate for gene therapy. The aspiration is for single administration of a genetic therapy that would allow production of endogenous FVIII sufficient to restore hemostasis and other biological processes. This would potentially result in reliable protection from bleeding, and its associated physical and emotional impacts. Gene therapy offers the possibility of a clinically relevant improvement in...	pmid:36111754 doi:10.2174/1566523222666220914105729	Fri, 16 Sep 2022 06:00:00 -0400
55	pubmed:36111770	Boosting mitochondrial potential: An imperative therapeutic intervention in Amyotrophic Lateral Sclerosis	Swati Dhasmana Anupam Dhasmana Sudhir Kotnala Varsha Mangtani Acharan S Narula Shafiul Haque Meena Jaggi Murali M Yallapu Subhash C Chauhan	CONCLUSION: The overarching goals of mitochondrial therapies in ALS are to benefit ALS patients by slowing down the disease progression and prolonging overall survival. Despite various therapeutic approaches, there are many hurdles in the development of a successful therapy due to the multifaceted nature of mitochondrial dysfunction and ALS progression. Intensive research is required to precisely elucidate the molecular pathways involved in the progression of mitochondrial dysfunctions that...	pmid:36111770 doi:10.2174/1570159X20666220915092703	Fri, 16 Sep 2022 06:00:00 -0400
56	pubmed:36111962	A century long journey from the discovery of insulin to the implantation of stem cell derived islets	Adam Ramzy Paul J Belmonte Mitchell J S Braam Shogo Ida Emily M Wilts Megan K Levings Alireza Rezanian Timothy J Kieffer	For the past century, insulin injections have saved millions of lives, but glycemic instability is still a persistent challenge for people with diabetes, leading to tremendous morbidity and premature mortality. Research in the field of islet transplantation has demonstrated that replacing insulin-producing -cells can restore euglycemia comparable to individuals without diabetes. However, a short supply of cadaveric islet donors, the technically challenging process of isolating islets, and the...	pmid:36111962 doi:10.1210/endrev/bnac021	Fri, 16 Sep 2022 06:00:00 -0400

NCT Number		Title	Authors	Description	Identifier	Dates
57	pubmed:36111979	Proteomic mapping and optogenetic manipulation of membrane contact sites	Gang Lin Wenyi Shi Ningxia Zhang Yi-Tsang Lee Youjun Wang Ji Jing	Membrane contact sites (MCSs) mediate crucial physiological processes in eukaryotic cells, including ion signaling, lipid metabolism, and autophagy. Dysregulation of MCSs is closely related to various diseases, such as type 2 diabetes mellitus (T2DM), neurodegenerative diseases, and cancers. Visualization, proteomic mapping and manipulation of MCSs may help the dissection of the physiology and pathology MCSs. Recent technical advances have enabled better understanding of the dynamics and...	pmid:36111979 doi:10.1042/BCJ20220382	Fri, 16 Sep 2022 06:00:00 -0400
58	pubmed:36112254	Stem Cells and Natural Agents in the Management of Neurodegenerative Diseases: A New Approach	Aranka Brockmueller Negin Mahmoudi Amir Kian Movaeeni Anna-Lena Mueller Abdol-Mohammad Kajbafzadeh Mehdi Shakibaei Masoumeh Majidi Zolbin	Neurodegenerative diseases refer to a group of neurological disorders as a consequence of various destructive illnesses, that predominantly impact neurons in the central nervous system, resulting in impairments in certain brain functions. Alzheimer's disease, Parkinson's disease, Huntington's disease, multiple sclerosis, and other neurodegenerative disorders represent a major risk to human health. In order to optimize structural and functional recovery, reconstructive methods integrate many...	pmid:36112254 doi:10.1007/s11064-022-03746-2	Fri, 16 Sep 2022 06:00:00 -0400
59	pubmed:36112272	Cutaneous metastases from breast cancer: Considerations for implementing rigorous evaluation of local therapies	Luca G Campana Julie Gehl	No abstract	pmid:36112272 doi:10.1002/jso.27057	Fri, 16 Sep 2022 06:00:00 -0400
60	pubmed:36112305	Regulatory Environment and Approvals in Cell and Gene Therapy Products Between Japan, the USA, and the EU	Yuya Sato Shunsuke Ono	CONCLUSION: Our study showed differences of regulations on CGT products and of features in approved products as well as the trend of their home market entries, which may have been driven by a different context than that of traditional pharmaceuticals.	pmid:36112305 doi:10.1007/s43441-022-00455-4	Fri, 16 Sep 2022 06:00:00 -0400
61	pubmed:36112410	Molecular analysis and favorable clinical outcomes in real-world patients with metastatic renal cell carcinoma	Frede Donskov Cathy Anne Pinto Raluca Predoiu Claire Fox Jeanette Baehr Georgsen Katrine Skaarup Mehmet Burcu Rodolfo Perini Torben Steiniche	CONCLUSION: Data pointed at PD-L1 IHC and angiogenesis expression in ccRCC and hypoxia, glycolysis, and angiogenesis expression in nccRCC as potential prognostic factors. These findings may have implications for the design and interpretation of advanced RCC trials and to identify potential targets for combination therapy strategies.	pmid:36112410 doi:10.1080/0284186X.2022.2119100	Fri, 16 Sep 2022 06:00:00 -0400
62	pubmed:36112422	X-linked hypophosphatemia, not only a skeletal disease but also a chronic inflammatory state	Marie Noëlle Méaux Candide Alioli Agnès Linglart Sandrine Lemoine Emmanuelle Vignot Aurélia Bertholet-Thomas Olivier Peyruchaud Sacha Flammier Irma Machuca-Gayet Justine Bacchetta	CONCLUSION: We describe for the first time a peculiar inflammatory profile in XLH. Since XLH patients have a propensity to develop arterial hypertension, obesity and enthesopathies, and since inflammation can worsen these clinical outcomes, we hypothesize that inflammation may play a critical role in these extra-skeletal complications of XLH.	pmid:36112422 doi:10.1210/clinem/dgac543	Fri, 16 Sep 2022 06:00:00 -0400

NCT Number		Title	Authors	Description	Identifier	Dates
63	pubmed:36112545	Pilot study of ONCOS-102 and pembrolizumab: remodeling of the tumor micro-environment and clinical outcomes in anti-PD1-resistant advanced melanoma	Alexander Shoushtari Anthony J Olszanski Marta Nyakas Thomas J Hornyak Jedd D Wolchok Victor Levitsky Lukasz Kuryk Thomas B Hansen Magnus Jäderberg	CONCLUSIONS: ONCOS-102 plus pembrolizumab was well tolerated and led to objective responses in patients with anti-PD-1 resistant advanced melanoma. ONCOS-102 promoted T-cell infiltration, particularly cytotoxic CD8+ T cells, which persisted at Week 9, driving clinical benefit. Further investigation of ONCOS-102 plus PD-1 blockade is warranted.	pmid:36112545 doi:10.1158/1078-0432.CCR-22-2046	Fri, 16 Sep 2022 06:00:00 -0400
64	pubmed:36112753	Endothelial dysfunction and atherosclerosis related miRNA-expression in patients with haemophilia	Stephanie Noone Ralf Schubert Stephan Fichtlscherer Thomas Hilberg Sonja Alesci Wolfgang Miesbach Nils Klophaus Udo F Wehmeier	CONCLUSION: This study characterises miRNA expression in haemophilia patients in comparison to CAD patients and healthy controls. The results imply comparable biological processes in CAD and haemophilia patients.	pmid:36112753 doi:10.1111/hae.14658	Fri, 16 Sep 2022 06:00:00 -0400