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Лекция № 3
Л.Г. Борисова

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→ бесплатная поисковая система по биомедицинским исследованиям, созданная Национальным центром биотехнологической информации (National Center for Biotechnology Information, NCBI) в 1997 году.



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На портале PubMed - несколько баз данных.

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актуальная информация для специалистов в сфере фундаментальных исследований по биологии и медицине

клиническая практика, медсестринское дело, стоматология, фармакология, ветеринария, медицинская помощь, социальная гигиена и организация здравоохранения, медицинские аспекты биологии, зоологии, ботаники и охраны окружающей среды

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- Порядок, в котором проверяется наличие поискового термина в различных указателях, имеет значение для результатов поиска.
- Если заглавие журнала, статьи из которого вы ищете, совпадает с названием предметной рубрики, например, "science", то PubMed в первую очередь проверит данный термин в указателе предметных рубрик и отберет все статьи, включающие данный термин как предметную рубрику (MeSH) или как текстовое слово (text word).

Если слово "science" будет найдено в этом указателе, оно не будет рассматриваться как заглавие журнала.

Правила поиска терминов в PubMed

- Поисковый термин, представляющий собой фразу, будет проверен в указателе предметных рубрик, затем в указателе журналов, и только после этого в метаданных.

Например, вы хотите найти статьи на тему здравоохранения в Канаде и напечатаете фразу "health care in Canada" как поисковый термин. Вместо статей на данную тему вы получите статьи из журнала "Health Care in Canada", так как данное словосочетание будет найдено в указателе журналов.

- Чтобы избежать подобных результатов, нужно указать, в каком поле документа следует вести поиск (Расширенный поиск),

например, в поле заглавия журнала, в поле текста или каком-либо другом. Можно также использовать вспомогательные средства PubMed: база данных журнальная база данных

Как сделать запрос

□ Чтобы найти все варианты одного и того же слова с одинаковой основой (корнем), используется функция усечение. Для этого нужно напечатать основу слова и звездочку (*) после него.

Например, `bacter*`. PubMed найдет все слова с этим корнем, но с различными окончаниями: `bacteriology` (бактериология), `bacteria` (бактерия), `bacterias` (бактерии), `bacterial` (бактериологический) и т.д.

□ Чтобы найти целую фразу, а не отдельные слова, заключите ее в кавычки (" ").

Например: " `population health` "

Как сделать запрос

PubMed позволяет использовать следующие **логические операторы** между **AND (и)** – в случае, если два или более термина должны быть найдены в одном документе.

Например: asthma AND smoking (астма и курение). Оператор "AND"

использовать не обязательно, т.к. пробел между словами рассматривается как *and*

OR (или) – в случае, если хотя бы один из терминов должен быть найден в документе.

Например: asthma OR smoking (астма или курение).

NOT (не) – в случае, если только один термин должен быть найден в документе, а второй должен обязательно отсутствовать.

Например: asthma NOT smoking (астма, но не курение).



gene expression

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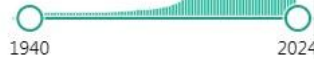
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1 Signor SA, Nuzhdin SV.

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Sleep deprivation and **gene expression**.

2 da Costa Souza A, Ribeiro S.

Cite Curr Top Behav Neurosci. 2015;25:65-90. doi: 10.1007/7854_2014_360.

PMID: 25646722 [Review.](#)

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This chapter reviews studies in humans, rodents, and flies to address the various ways by which sleep deprivation affects **gene expression** in the nervous system, with a focus on genes related to neuronal plasticity, brain function, and cognition. However, the effects

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Visualizing transcription: key to understanding **gene expression** dynamics.

3 Brouwer I, Lenstra TL.

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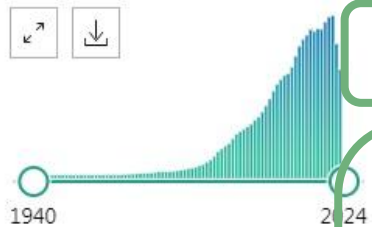
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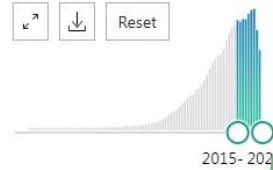
Visualizing transcription: key to understanding **gene expression** dynamics.

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Spatial **gene expression** in the human dorsolateral

L, Weber LM, Lytingco C, Barry BK, Williams SR, Cattalini JL 2nd, Tran MN.

Korshak G, Huppert M, Brown Y, Kleinman JE, Hyde TM, Rao N, Hicks SC, Martinowich K, Jaffe AE.

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We used the 10x Genomics Visium platform to define the spatial topography of **gene expression** in the six-layered human dorsolateral prefrontal cortex. ...By integrating neuropsychiatric disorder **gene** sets, we showed differential layer-enriched **expression** ...

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3 Brouwer I, Lenstra TL.

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Visualization of transcription in living cells has taught us that genes are often transcribed in bursts, with periods of **gene** activity interspersed by periods of inactivity. Recently, technological advances in live-cell imaging have provided a more detailed picture of the ...

Nature, nurture, or chance: stochastic **gene expression** and its consequences.

4 Raj A, van Oudenaarden A.

Cite Cell. 2008 Oct 17;135(2):216-26. doi: 10.1016/j.cell.2008.09.050.

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Gene expression is a fundamentally stochastic process, with randomness in transcription and translation leading to cell-to-cell variations in mRNA and protein levels. This variation appears in organisms ranging from microbes to metazoans, and its characteristics dep ...

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GRO-seq, A Tool for Identification of Transcripts Regulating **Gene Expression**.

5 Lopes R, Agami R, Korkmaz G.

Cite Methods Mol Biol. 2017;1543:45-55. doi: 10.1007/978-1-4939-6716-2_3.

Share PMID: 28349421

The advent of next-generation sequencing (NGS) technologies has revolutionized the way we do research on **gene expression**. High-throughput transcriptomics became possible with the development of microarray technology, but its widespread application only occurred afte ...

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Intrinsic Dynamics of a Human **Gene** Reveal the Basis of **Expression** Heterogeneity.

6 Rodriguez J, Ren G, Day CR, Zhao K, Chow CC, Larson DR.

Cite Cell. 2019 Jan 10;176(1-2):213-226.e18. doi: 10.1016/j.cell.2018.11.026. Epub 2018 Dec 13.

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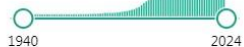
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1 **Nivolumab plus chemotherapy versus placebo plus chemotherapy in patients with HER2-negative, untreated, unresectable advanced or recurrent gastric or gastro-oesophageal junction cancer (ATTRACTION-4): a randomised, multicentre, double-blind, placebo-controlled, phase 3 trial.**

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Kang YK, Chen LT, Ryu MH, Oh DY, Oh SC, Chung HC, Lee KW, Omori T, Shitara K, Sakuramoto S, Chung JJ, Yamaguchi K, Kato K, Sym SJ, Kadowaki S, Tsuji K, Chen JS, Bai LY, Oh SY, Choda Y, Yasui H, Takeuchi K, Hirashima Y, Hagihara S, Boku N.

Lancet Oncol. 2022 Feb;23(2):234-247. doi: 10.1016/S1470-2045(21)00692-6. Epub 2022 Jan 11.

PMID: 35030335 Clinical Trial.

BACKGROUND: The additive or synergistic sustained antitumour effect of immune checkpoint inhibitors in combination with oxaliplatin-based chemotherapy has previously been reported. We investigated the efficacy of nivolumab plus oxaliplatin-based chemotherapy versus ...

2 **Trastuzumab Deruxtecan in Previously Treated HER2-Positive Gastric Cancer.**

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Shitara K, Bang YJ, Iwasa S, Sugimoto N, Ryu MH, Sakai D, Chung HC, Kawakami H, Yabusaki H, Lee J, Saito K, Kawaguchi Y, Kamio T, Kojima A, Sugihara M, Yamaguchi K; DESTINY-Gastric01 Investigators. N Engl J Med. 2020 Jun 18;382(25):2419-2430. doi: 10.1056/NEJMoa2004413. Epub 2020 May 29.

PMID: 32469182 Clinical Trial.

BACKGROUND: Trastuzumab deruxtecan (DS-8201) is an antibody-drug conjugate consisting of an anti-HER2 (human epidermal growth factor receptor 2) antibody, a cleavable tetrapeptide-based linker, and a cytotoxic topoisomerase I inhibitor. The drug may have efficacy in patien ...

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2 Shitara K, Bang YJ, Iwasa S, Sugimoto N, Ryu MH, Sakai D, Chung HC, Kawakami H, Yabusaki H, Lee J, Saito K, Kawaguchi Y, Kamio T, Kojima A, Sugihara M, Yamaguchi K; DESTINY-Gastric01 Investigators.

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N Engl J Med. 2020 Jun 18;382(25):2419-2430. doi: 10.1056/NEJMoa2004413. Epub 2020 May 29.

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Eur J Cancer. 2021 Sep;155:200-215. doi: 10.1016/j.ejca.2021.07.012. Epub 2021 Aug 11.

PMID: 34391053 Free article.

In this systematic review, we summarise recent studies reporting CNN-based approaches for digital biomarkers for characterization and prognostication of gastrointestinal cancer pathology. ...RESULTS: Sixteen publications fulfilled our inclusion criteria deali ...

[Research on esophageal cancer: With personal perspectives from studies in China and Kenya.](#)

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Yang CS, Chen XL. Int J Cancer. 2021 Jul 15;149(2):264-276. doi: 10.1002/ijc.33421. Epub 2020 Dec 17.

PMID: 33270917 Free PMC article. Review.

The most common form of esophageal cancer (EC), esophageal squamous cell carcinoma (ESCC), is



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Review > Jpn J Clin Oncol. 2019 May 1;49(5):412-420. doi: 10.1093/jjco/hyz034.

Systemic treatment of advanced esophageal squamous cell carcinoma: chemotherapy, molecular-targeting therapy and immunotherapy

Hidekazu Hirano ^{1 2}, Ken Kato ¹

Affiliations + expand

PMID: 30920626 DOI: 10.1093/jjco/hyz034

Abstract

Systemic treatment of advanced esophageal squamous cell carcinoma (ESCC) mainly consists of cytotoxic agents, aiming to palliate symptoms and prolong survival. Cisplatin and 5-fluorouracil have been considered standard treatment for several decades. Efforts to develop more effective treatment have led to clinical trials testing triplet, irinotecan-based, oxaliplatin-based and paclitaxel-based regimens. Molecular-targeting agents, mainly anti-EGFR inhibitors including gefitinib, panitumumab and nimotuzumab, have been investigated; however, no molecular-targeting agents demonstrate the clinical utility in Phase 3 trials so far. Negative results from Phase 3 trials testing gefitinib and panitumumab suggest the importance of identifying predictive biomarkers of responses to molecular-targeting agents. On the basis of results from Phase 3 trials testing PD-1 inhibitors, nivolumab and pembrolizumab, are anticipated to be the standard treatment for patients with ESCC. Dual immune checkpoint inhibition and immunotherapy in combination with cytotoxic agents are under study.

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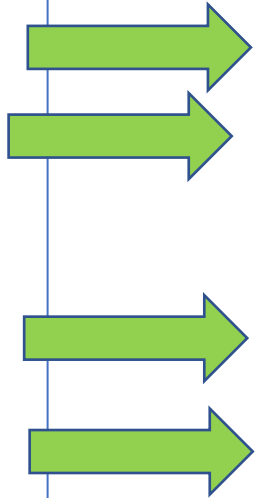
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PMID: 33820055 Review

Immunotherapy of Esophageal Cancer: Current Status, Many Trials and Innovative Strategies.

Alsina M, Moehler M, Lorenzen S.

Oncol Res Treat. 2018;41(5):266-271. doi: 10.1159/000488120. Epub 2018 Apr 20.

PMID: 29705786 Review.

Immunotherapy for esophageal squamous cell carcinoma: a review.

Mimura K, Yamada L, Ujiie D, Hayase S, Tada T, Hanayama H, Thar Min AK, Shibata M, Momma T, Saze Z, Ohki S, Kono K.

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A case report of immune checkpoint inhibitor nivolumab combined with anti-angiogenesis agent anlotinib for advanced esophageal squamous cell carcinoma.

Tang Y, Ou Z, Yao Z, Qiao G.

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Systemic Therapies for Advanced Squamous Cell Anal Cancer.

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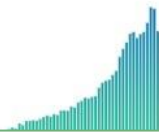
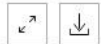
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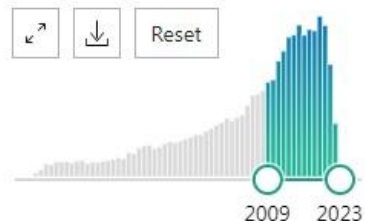
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Neoadjuvant chemoradiotherapy plus surgery versus surgery alone for oesophageal or junctional cancer (CROSS): long-term results of a randomised controlled trial.

Shapiro J, van Lanschot JJB, Hulshof MCCM, van Hagen P, van Berge Henegouwen MI, Wijnhoven BPL, van Laarhoven HWM, Nieuwenhuijzen GAP, Hospers GAP, Bonenkamp JJ, Cuesta MA, Blaisse RJB, Busch ORC, Ten Kate FJW, Creemers GM, Punt CJA, Plukker JTM, Verheul HMW, Bilgen EJS, van Dekken H, van der Sangen MJC, Rozema T, Biermann K, Beukema JC, Piet AHM, van Rij CM, Reinders JG, Tilanus HW, Steyerberg EW, van der Gaast A; CROSS study group.

Lancet Oncol. 2015 Sep;16(9):1090-1098. doi: 10.1016/S1470-2045(15)00040-6. Epub 2015 Aug 5.
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Current and future treatment options for esophageal cancer in the elderly.

Bollschweiler E, Plum P, Mönig SP, Hölscher AH.

Expert Opin Pharmacother. 2017 Jul;18(10):1001-1010. doi: 10.1080/14656566.2017.1334764. Epub 2017 Jun 7.

PMID: 28540761 Review.

The main points of interest were treatment options for patients with Barrett's esophagus or early

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Systemic treatment of advanced esophageal squamous cell carcinoma: chemotherapy, molecular-targeting therapy and immunotherapy.

Hidekazu Hirano^{1 2}, Ken Kato¹

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PMID: 30920626 DOI: 10.1093/jjco/hyz0

Abstract

Systemic treatment of advanced esophageal squamous cell carcinoma (ESCC) mainly consists of chemotherapy with cytotoxic agents, aiming to palliate symptoms and prolong survival. Cisplatin and 5-fluorouracil have been considered standard treatment for several decades. Efforts to develop more effective treatment have led to clinical trials testing triplet, irinotecan-based, oxaliplatin-based and paclitaxel-based regimens. Molecular-targeting agents, mainly anti-EGFR inhibitors including gefitinib, panitumumab and nimotuzumab, have been investigated; however, no molecular-targeting agents demonstrate the clinical utility in Phase 3 trials so far. Negative results from Phase 3 trials testing gefitinib and panitumumab suggest the importance of identifying predictive biomarkers of responses to molecular-targeting agents. On the basis of results from Phase 3 trials testing PD-1 inhibitors, nivolumab and pembrolizumab, are anticipated to be the standard treatment for patients with ESCC. Dual immune

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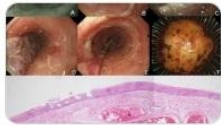
Safety and efficacy of endoscopic submucosal dissection for superficial esophageal cancer with esophageal varices

Background
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Tatsuya Nakai, Tetsuya Yoshizaki, ... Yuzo Kodama in [Esophagus](#)
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Endoscopic esophageal stenting for advanced esophageal cancer in Lubaga Hospital, Kampala, Uganda

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Background

In recent years, the research on the relationship between sarcopenia before and after the treatment of esophageal cancer, as well as its impact on prognosis of esophageal cancer, has increased rapidly, which has aroused people's attention to the disease of patients with esophageal cancer complicated with sarcopenia. This review examines the prevalence of sarcopenia in patients with esophageal cancer, as well as the relationship between sarcopenia (before and after surgery or chemotherapy) and prognosis in patients with

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Introduction

According to the latest data from the Global Cancer Observatory (GLOBOCAN) database, esophageal cancer (EC) ranks as the eighth most frequently diagnosed cancer and the sixth leading cause of cancer-related death in 2020 [1]. Moreover, the incidence of esophageal cancer has been steadily increasing in recent years. Currently, surgical resection, radiotherapy, and chemotherapy are important means of treating esophageal cancer [2]. For patients with resectable esophageal cancer, according to TNM staging, resectable patients with limited disease of cT1-T2, cN0M0 can be directly treated with surgical resection, whereas patients with locally advanced resectable patients with staging cT3-4 or cN1-3M0 need neoadjuvant chemoradiotherapy or definitive chemoradiotherapy or perioperative chemotherapy before surgery [3]. Esophageal cancer is histologically

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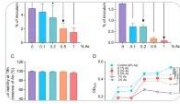
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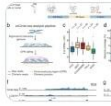
Igori Balta, David McCleery, ... Nicolae Corcionivoschi in *Irish Veterinary Journal*
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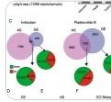
This research focuses on the construction and analysis of a one-dimensional (1D) Bragg mirror (BM) with a micro-cavity at the centre to identify the Pl...

Ranjith B. Gowda, H. N. Gayathri, ... R. K. Raju in *Journal of Optics*
Article | 27 February 2024



Splicing targeting drugs highlight intron retention as an actionable vulnerability in advanced prostate cancer

Background
Advanced prostate cancer (PC) is characterized by insensitivity to androgen deprivation



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Jinxin Phaedo Chen , Constantin Diekmann, Honggui Wu, Chong Chen, Giulia Della Chiara, Enrico Berrino, Konstantinos L. Georgiadis, Britta A. M. Bouwman, Mohit Virji, Luuk Harbers, Sara Erika Bellomo, Caterina Marchiò, Magda Bienko  & Nicola Crosetto 

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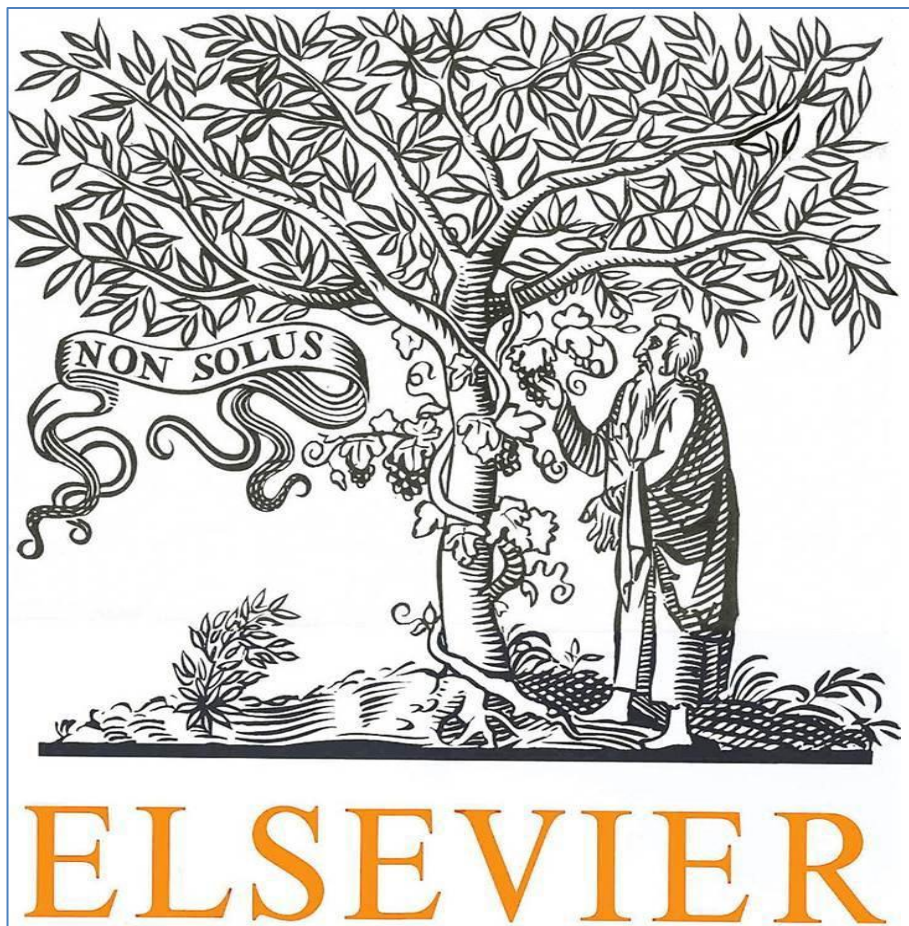
Extrachromosomal circular DNAs (eccDNAs) have emerged as important intra-cellular mobile genetic elements that affect gene copy number and exert in trans regulatory roles within the cell nucleus. Here, we describe scCircle-seq, a method for profiling eccDNAs and unraveling their diversity and complexity in single cells. We implement and validate scCircle-seq in normal and cancer cell lines, demonstrating that most eccDNAs vary largely between cells and are stochastically inherited during cell division, although their genomic landscape is cell-specific and can be used to accurately cluster cells of the same origin. eccDNAs are

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Yixin Liu, Yimin Gu, ... Longqi Chen

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² **The Impact of Racial Disparities and the Social Determinants of Health on Esophageal and Gastric Cancer Outcomes**

Surgical Oncology Clinics of North America, Available online 16 January 2024


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Volume 3, Issue 3, September 2023, Pages 167-174

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Ruixiana Zhang¹, Zhen Wang¹, Xiaozheng Kang¹, Xin Wang², Bo Zhang³, Hoi-loi Ng⁴, Liyan Xue⁵, Wenjing Yang⁶, Liming Shi⁶, Hui Wang⁶, Lvhua Wang², Yin Li¹, Esophageal Cancer Quality Control Expert Committee of the National Cancer Center[#]

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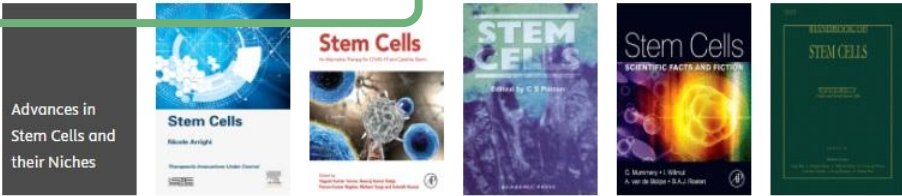
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¹ **Research progress in stem cell therapy for Wilson disease**
Regenerative Therapy, 15 March 2024
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² **The impact of diabetic glucose concentration on viability and cardiac differentiation of mesenchymal stem cells**
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6 Engraftment after autologous hematopoietic stem cell transplantation in patients mobilized with Plerixafor: A retrospective, multicenter study of a large series of patients

Transfusion and Apheresis Science, 3 April 2021, ...

M. Luisa Antelo, Ane Altuna, J. Carlos Vallejo

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Plerixafor (PLX) appears to effectively enhance hematopoietic stem-cell mobilization prior to autologous hematopoietic stem cell transplantation (auto-HCT). However, the quality of engraftment following auto-HCT has been little explored. Here, engraftment following auto-HCT was assessed in patients mobilized with PLX through a retrospective, multicenter study of 285 consecutive patients. Information on early and 100-day post-transplant engraftment was gathered from the 245 patients that underwent auto-HCT. The median number of PLX days to reach the stem cell collection goal ($\geq 2 \times 10^6$ CD34⁺ cells/kg) was 1 (range 1–4) and the median PLX administration time before apheresis was 11 h (range 1–18). The median number of apheresis sessions to achieve the collection goal was 2 (range 1–5) and the mean number of CD34⁺ cells collected was 2.95×10^6 /kg (range 0–30.5). PLX administration was safe, with only 2 mild and transient gastrointestinal adverse events reported. The median time to achieve an absolute neutrophil count (ANC) $>500/\mu\text{L}$ was 11 days (range 3–31) and the median time to platelet recovery $>20 \times 10^3/\mu\text{L}$ was 13 days

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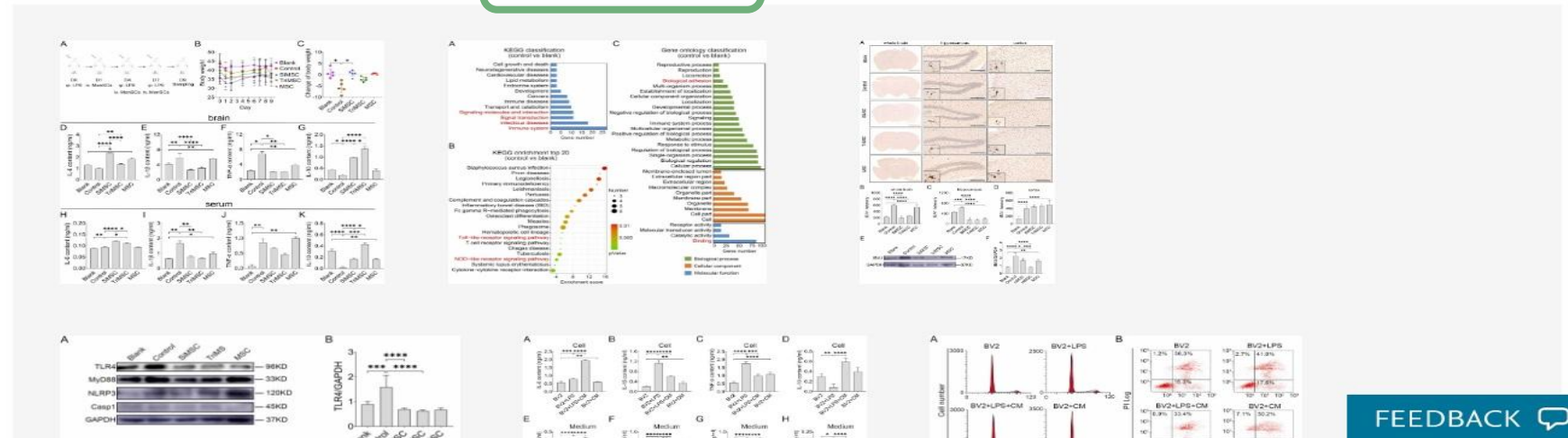
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2 Menstrual blood-derived endometrial stem cells inhibit neuroinflammation by regulating microglia through the TLR4/MyD88/NLRP3/Casp1 pathway

The International Journal of Biochemistry & Cell Biology, 6 February 2023, ...

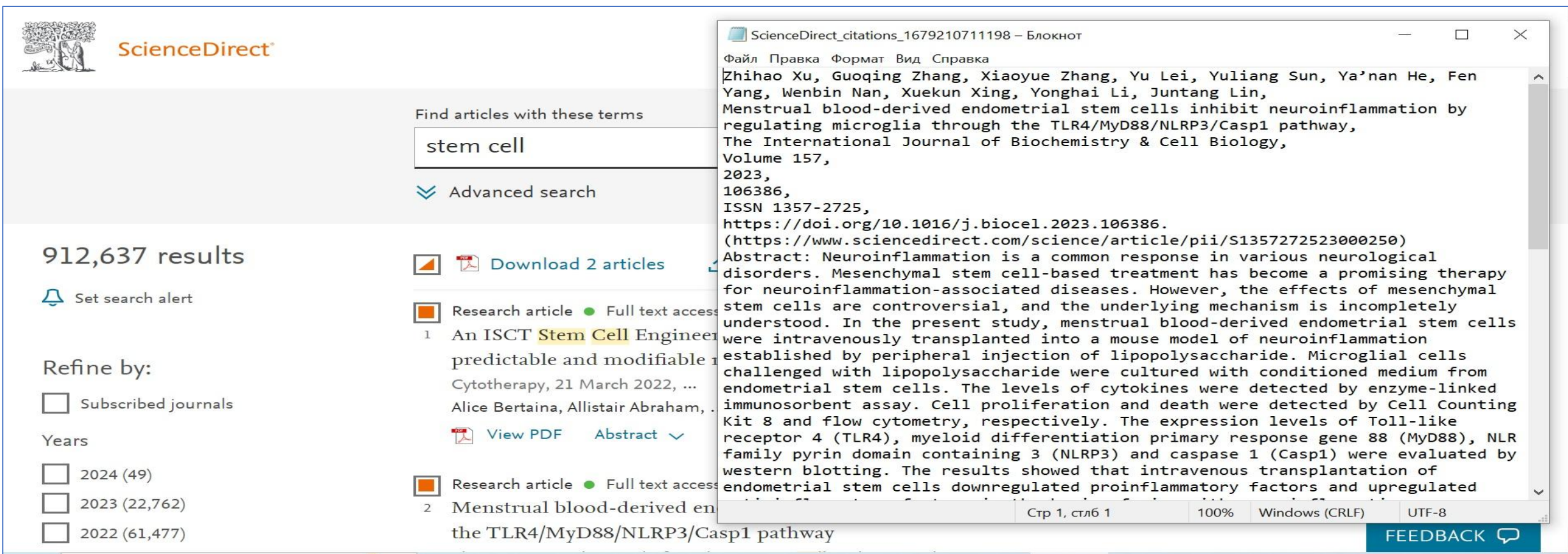
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- Notepad window:** A window titled "ScienceDirect_citations_1679210711198 - Блокнот" is open, displaying the citation for the second article. The citation text is: "Zhihao Xu, Guoqing Zhang, Xiaoyue Zhang, Yu Lei, Yuliang Sun, Ya'nan He, Fen Yang, Wenbin Nan, Xuekun Xing, Yonghai Li, Juntang Lin, Menstrual blood-derived endometrial stem cells inhibit neuroinflammation by regulating microglia through the TLR4/MyD88/NLRP3/Casp1 pathway, The International Journal of Biochemistry & Cell Biology, Volume 157, 2023, 106386, ISSN 1357-2725, https://doi.org/10.1016/j.biocel.2023.106386. (https://www.sciencedirect.com/science/article/pii/S1357272523000250) Abstract: Neuroinflammation is a common response in various neurological disorders. Mesenchymal stem cell-based treatment has become a promising therapy for neuroinflammation-associated diseases. However, the effects of mesenchymal stem cells are controversial, and the underlying mechanism is incompletely understood. In the present study, menstrual blood-derived endometrial stem cells were intravenously transplanted into a mouse model of neuroinflammation established by peripheral injection of lipopolysaccharide. Microglial cells challenged with lipopolysaccharide were cultured with conditioned medium from endometrial stem cells. The levels of cytokines were detected by enzyme-linked immunosorbent assay. Cell proliferation and death were detected by Cell Counting Kit 8 and flow cytometry, respectively. The expression levels of Toll-like receptor 4 (TLR4), myeloid differentiation primary response gene 88 (MyD88), NLR family pyrin domain containing 3 (NLRP3) and caspase 1 (Casp1) were evaluated by western blotting. The results showed that intravenous transplantation of endometrial stem cells downregulated proinflammatory factors and upregulated".
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- Article Title:** "Engraftment after autologous hematopoietic stem cell transplantation in patients mobilized with Plerixafor: A retrospective, multicenter study of a large series of patients".
- Authors:** M. Luisa Antelo, Ane Altuna, J. José Gimeno, J. Javier Ferreiro, Cristina Amunárriz, J. José Mateos, Saioa Zalba, Aitziber Alkorta, José Rifón, J. Luis Arroyo, Amaia Leizaola, J. Antonio Moreno, María José García, Alejandro García.
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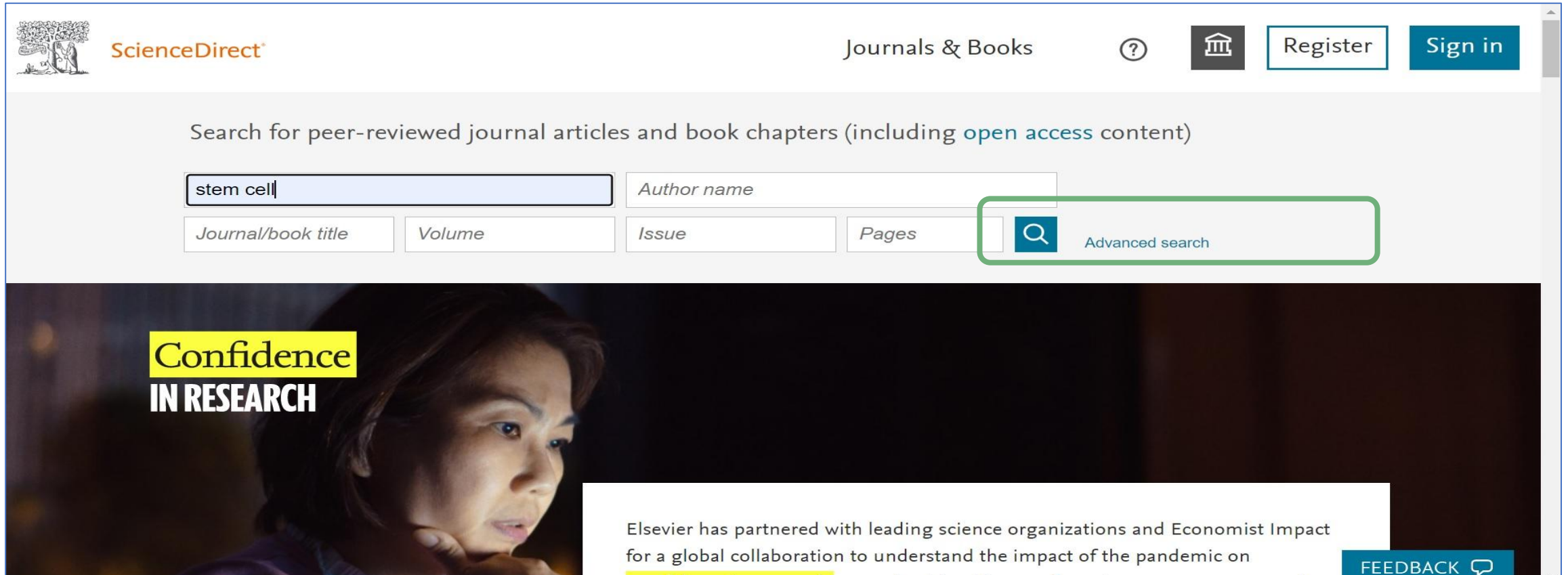
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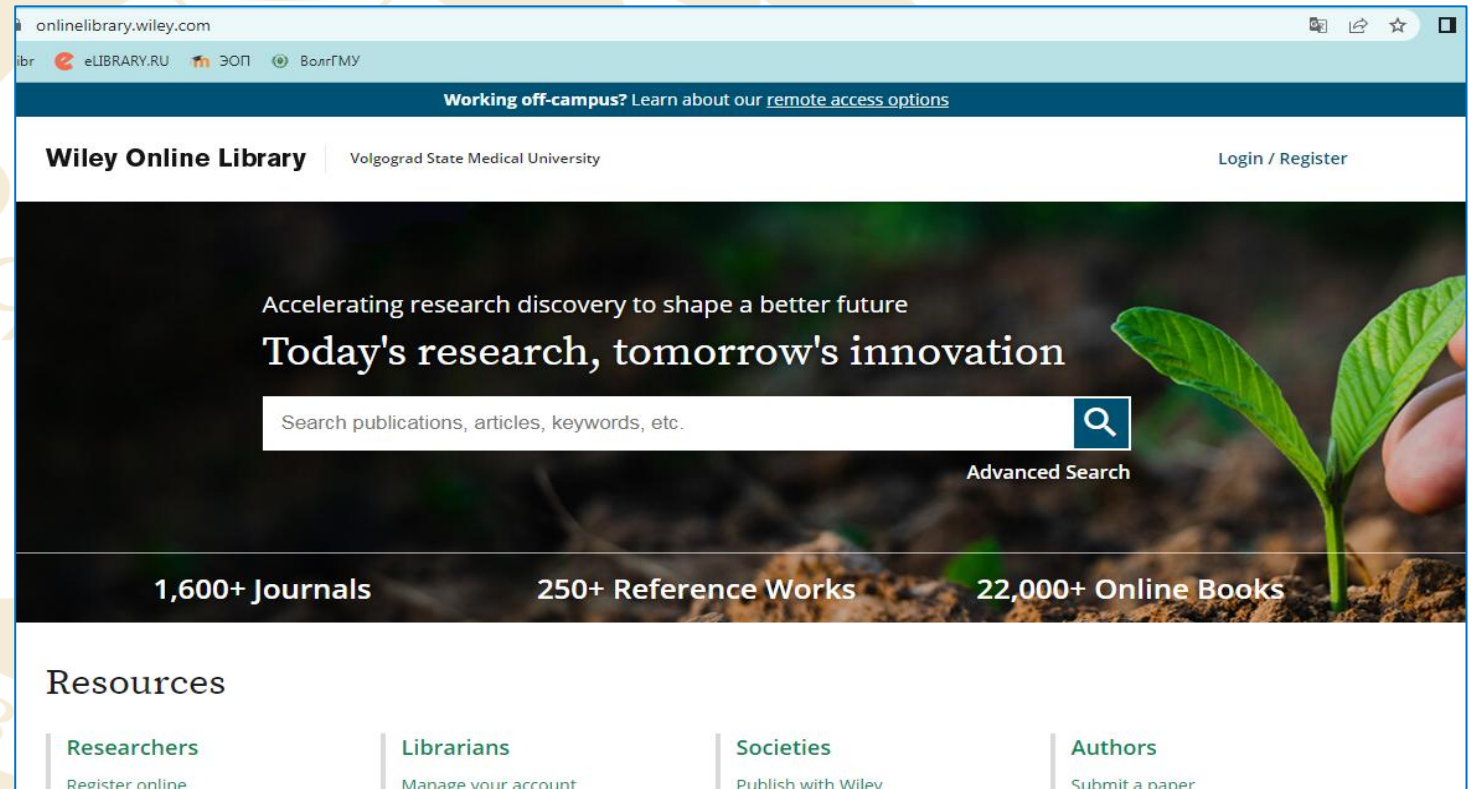
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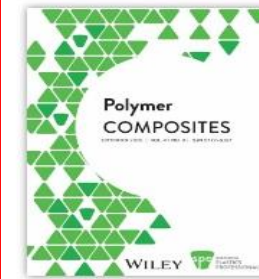
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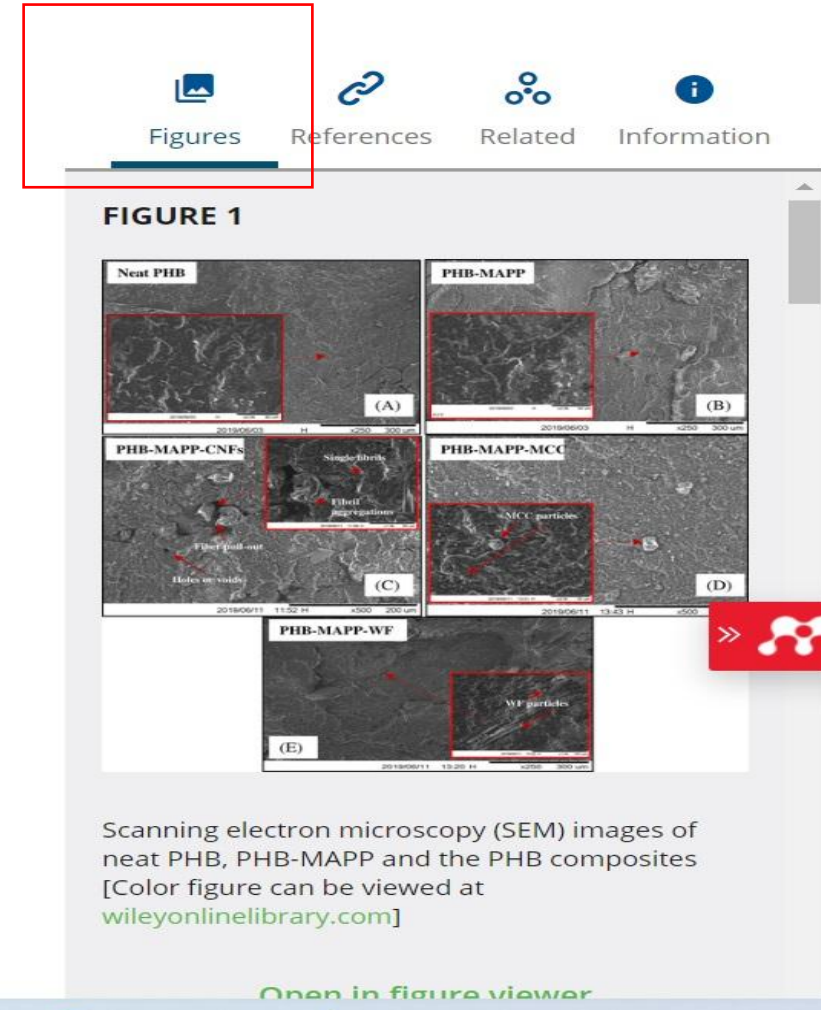
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The aim of this study was to determine the effect of conventional and dynamic mechanical, thermal, morphological, and rheological properties of polyhydroxybutyrate (PHB) biopolymers. Polyhydroxybutyrate (PHB) biopolymers with cellulose and cellulosic fillers including wood flour, microfibrillated cellulose (MFC), and microfibrillated cellulose nanofibrils (0.5 and 5 wt%) as reinforcing agents were prepared. According to the results obtained, the addition of 0.5 wt% cellulose nanofibrils improved both the flexural and tensile moduli of elasticity but other fillers and filler loading levels generally decreased the mechanical properties attributable to aggregations of fillers in the matrix. Thermal analysis results showed that the addition of cellulosic fillers did not affect the crystallization temperature of the PHB whereas the



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1 INTRODUCTION

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RESEARCH ARTICLE

The effects of cellulosic fillers on the mechanical, morphological, thermal, viscoelastic, and rheological properties of polyhydroxybutyrate biopolymers

Deniz Aydemir^{1,2} | Douglas J. Gardner²

¹Faculty of Forestry, Department of Forest Industrial Engineering, Bartın University, Bartın, Turkey
²Advanced Structures and Composites Center, University of Maine, Orono, Maine

Correspondence
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Email: denizaydemir@bartin.edu.tr

Funding information
Türkiye Bilimsel ve Teknolojik Araştırma Kurumu, Grant/Award Number: 1059B191800730

Abstract
The aim of this study was to determine the effects of cellulosic fillers on the conventional and dynamic mechanical, thermal, morphological, and rheological properties of polyhydroxybutyrate (PHB) biopolymers. Polyhydroxybutyrate as a biopolymer matrix and cellulosic fillers including wood flour, microcrystalline cellulose, and cellulose nanofibrils (0.5 and 5 wt%) as reinforcing agents were used to produce the composite. According to the results obtained, the addition of 0.5 wt% cellulose nanofibrils improved both the flexural and tensile moduli of elasticity but other fillers and filler loading levels generally decreased the mechanical properties attributable to aggregations of fillers in the matrix. Thermal analysis results showed that the addition of cellulosic fillers did not influence the glass transition and crystallization temperature of the PHB whereas the crystallinity and melting temperature generally increased with the addition of the cellulosic fillers. Thermal stability of the composites generally improved with addition of the cellulosic fillers. The dynamic mechanical analysis results showed that both storage and loss moduli of all the samples generally decreased with increasing temperature. Elastic and viscous moduli of all the samples initially decreased with frequency

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Polymer Composites
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Арчибальд Кокрейн, 1909-1988

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Отличием доказательной медицины от традиционной является **использование достоверных научных доказательств эффективности** лекарств и медицинских манипуляций.

Основная особенность доказательной медицины — критическая оценка имеющихся доказательств.



При лечении каждого больного доказательная медицина предполагает осмысленное, точное и добросовестное использование результатов исследований, основываясь на лучших из них.

Клинические рекомендации, основанные на принципах доказательной медицины, должны указывать степень уверенности в их положениях.

Подобные степени обычно называют уровнями достоверности доказательств и уровнями убедительности рекомендаций, обозначая римскими цифрами или латинскими буквами

Библиотека доказательной медицины Cochrane

Доказательная медицина


Важный инструмент
доказательной
медицины —
**систематические
обзоры,**
в которых может
использоваться
метаанализ



Cochrane Library

The screenshot displays the Cochrane Library website interface. At the top left is the Cochrane Library logo with the tagline "Trusted evidence. Informed decisions. Better health." To the right, there are language selection options for "English" and "Russian", and a "Sign In" button. Below the logo is a navigation bar with links for "Cochrane Reviews", "Trials", "Clinical Answers", "About", and "Help". A notification banner states: "We noticed your browser language is Russian. You can select your preferred language at the top of any page, and you will see translated Cochrane Review sections." A search bar is located on the right side of the page, with a dropdown menu open showing search filters: "Title Abstract Keyword", "Record Title", "Abstract", "Author", "Keyword", "All Text", "Publication Type", "Source", "DOI", "Accession Number", "Trial Registry Number", "Cochrane Group", and "Cochrane Topic". The search bar also includes "Browse" and "Advanced search" buttons. Below the navigation bar, there are two main image sections. The left section shows a person's hands holding a bunch of bananas in a market setting. The right section features a child's face and the text "Diagnosing tuberculosis Read the Special Collection". At the bottom right, there is a small image of a person in a field with the caption "Image credit: Axel Fassio / CIFOR".

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Ремдесивир для лечения COVID-19

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Abstract

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Background

Remdesivir is an antiviral medicine with properties to inhibit viral replication of SARS-CoV-2. Positive results from early studies attracted media attention and led to emergency use authorisation of remdesivir in COVID-19. A thorough understanding of <https://www.cochranelibrary.com/cdsr/doi/10.1002/14651858.CD014962/full...> treatment for SARS-CoV-2 infection based on randomised controlled

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