high throughput screening

	NCT Number	Title	Authors	Description	Identifier	Dates
1	pubmed:36043773	WITHDRAWN: Anti-lung Cancer Mechanism of Hedyotis Diffusa Willd Based on Network Pharmacology and Molecular Docking	Fuhao Huang Liansong Xu Wenwen Niu Jinlong Pang Shanshan Li Xian Li	The article has been withdrawn at the request of the authors of the journal Combinatorial Chemistry & High Throughput Screening.	pmid:36043773 doi:10.2174/1386207325666220829115205	Wed, 31 Aug 2022 06:00:00 -0400
2	pubmed:36064054	Suspect and non-targeted screening-based human biomonitoring identified 74 biomarkers of exposure in urine of Slovenian children	Žiga Tkalec Garry Codling Janja Snoj Tratnik Darja Mazej Jana Klánová Milena Horvat Tina Kosjek	Human exposure to organic contaminants is widespread. Many of these contaminants show adverse health effects on human population. Human biomonitoring (HBM) follows the levels and the distribution of biomarkers of exposure (BoE), but it is usually done in a targeted manner. Suspect and non-targeted screening (SS/NTS) tend to find BoE in an agnostic way, without preselection of compounds, and include finding evidence of exposure to predicted, unpredicted known and unknown chemicals. This study...	pmid:36064054 doi:10.1016/j.envpol.2022.120091	Mon, 05 Sep 2022 06:00:00 -0400
3	pubmed:36064220	Assessment of type I interferon responses as a feature of immunogenic cell death	Sabrina Forveille Allan Sauvat Shuai Zhang Liwei Zhao Guido Kroemer Oliver Kepp	The radiochemotherapy- or chemotherapy-induced stimulation of immunogenic cell death (ICD) affecting malignant cells ignites antitumor immune responses that are clinically relevant as they allow to achieve durable responses beyond treatment discontinuation. The mechanistic exploration of ICD and the discovery of agents and interventions that are endowed with the capacity to elicit ICD is of the utmost importance. Here, we describe an assay for the assessment of type I interferon (IFN)...	pmid:36064220 doi:10.1016/bs.mcb.2021.12.028	Mon, 05 Sep 2022 06:00:00 -0400
4	pubmed:36064771	A bead-based method for high-throughput mapping of the sequence- and force-dependence of T cell activation	Yinnian Feng Xiang Zhao Adam K White K Christopher Garcia Polly M Fordyce	Adaptive immunity relies on T lymphocytes that use T cell receptors (TCRs) to discriminate among peptides presented by major histocompatibility complex molecules (pMHCs). Identifying pMHCs capable of inducing robust T cell responses will not only enable a deeper understanding of the mechanisms governing immune responses but could also have broad applications in diagnosis and treatment. T cell recognition of sparse antigenic pMHCs in vivo relies on biomechanical forces. However, in vitro...	pmid:36064771 doi:10.1038/s41592-022-01592-2	Tue, 06 Sep 2022 06:00:00 -0400
5	pubmed:36064776	BATTLES: high-throughput screening of antigen recognition under force		No abstract	pmid:36064776 doi:10.1038/s41592-022-01593-1	Tue, 06 Sep 2022 06:00:00 -0400
6	pubmed:36065160	Performance of High Throughput SARS-CoV-2 Antigen Testing Compared to Nucleic Acid Testing	Octavia Peck Palmer Joanne H Hasskamp Hae-Sun La Pranav Pramod Patwardhan Shmyle Ghumman Vandana Baloda Yujung Jung Sarah E Wheeler	CONCLUSION: The COV2Ag assay exceeded the World Health Organization minimum performance requirements of 80% sensitivity and 97% specificity. The COV2Ag assay is helpful for large scale screening efforts due to high-throughput and reduced wait times.	pmid:36065160 doi:10.1093/labmed/lmac107	Tue, 06 Sep 2022 06:00:00 -0400

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7	pubmed:36065704	Zebrafish's Circular RNAs	Chun-Hong Zhou Zi-Bin Lu	Circular RNAs (circRNAs),a group of highly conserved small RNAs,are characterized by a closed circular structure from precursor linear RNA through reverse splicing.They are powerful regulators of the physiological and pathological processes in organisms at different development stages.Zebrafish can be used for the high-throughput drug screening with low cost.Thus,the circRNAs associated with development and inflammation can be mined from zebrafish.Recently,a variety of circRNAs in zebrafish have...	pmid:36065704 doi:10.3881/j.issn.1000-503X.13975	Tue, 06 Sep 2022 06:00:00 -0400
8	pubmed:36066205	High-Throughput Screening of Anti-cancer Drugs Using a Microfluidic Spheroid Culture Device with a Concentration Gradient Generator	Yugyeong Lee Zhenzhong Chen Wanyoung Lim Hansang Cho Sungsu Park	Tumor spheroid models are widely used for drug screening as in vitro models of the tumor microenvironment. There are various ways in which tumor spheroid models can be prepared, including the self-assembly of cells using low-adherent plates, micro-patterned plates, or hanging-drop plates. Recently, drug high-throughput screening (HTS) approaches have incorporated the use of these culture systems. These HTS culture systems, however, require complicated equipment, such as robot arms, detectors,...	pmid:36066205 doi:10.1002/cpz1.529	Tue, 06 Sep 2022 06:00:00 -0400
9	pubmed:36067119	Automated Zebrafish Phenotype Pattern Recognition: 6 Years Ago, and Now	Mark Schutera Luca Rettenberger Markus Reischl	The article assesses the developments in automated phenotype pattern recognition: Potential spikes in classification performance, even when facing the common small-scale biomedical data set, and as a reader, you will find out about changes in the development effort and complexity for researchers and practitioners. After reading, you will be aware of the benefits and unreasonable effectiveness and ease of use of an automated end-to-end deep learning pipeline for classification tasks of biomedical...	pmid:36067119 doi:10.1089/zeb.2022.0027	Tue, 06 Sep 2022 06:00:00 -0400