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Caspase-8 is the molecular switch for apoptosis, necroptosis and pyroptosis

DOI: 10.1038/s41586-019-1770-6
Nature, 2019, 575, 683-687.

Source: <https://exaly.com/paper-pdf/74160897/citation-report.pdf>

Version: 2024-04-27

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391	Targeting pyroptosis to regulate ischemic stroke injury: Molecular mechanisms and preclinical evidences. 2020 , 165, 146-160		9
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389	The protective effect of soybean protein-derived peptides on apoptosis via the activation of PI3K-AKT and inhibition on apoptosis pathway. 2020 , 8, 4591-4600		5
388	2,5-Hexanedione influences primordial follicular development in cultured neonatal mouse ovaries by interfering with the PI3K signaling pathway via miR-214-3p. 2020 , 409, 115335		1
387	Not All Stressors Are Equal: Mechanism of Stressors on RPE Cell Degeneration. 2020 , 8, 591067		12
386	Cell-specific activation of RIPK1 and MLKL after intracerebral hemorrhage in mice. 2021 , 41, 1623-1633		7
385	Targeting immunogenic cell death in cancer. 2020 , 14, 2994-3006		82
384	Necrostatin-1 Synergizes the Pan Caspase Inhibitor to Attenuate Lung Injury Induced by Ischemia Reperfusion in Rats. 2020 , 2020, 7059304		1
383	Necroptosis in Immuno-Oncology and Cancer Immunotherapy. 2020 , 9,		25

382	12-Deacetyl-12-epi-Scalaradial, a Scalarane Sesterterpenoid from a Marine Sponge <i>Hippospongia</i> sp., Induces HeLa Cells Apoptosis via MAPK/ERK Pathway and Modulates Nuclear Receptor Nur77. 2020 , 18,	6
381	An Apoptotic Caspase Network Safeguards Cell Death Induction in Pyroptotic Macrophages. 2020 , 32, 107959	22
380	Caspase-8 and FADD: Where Cell Death and Inflammation Collide. 2020 , 52, 890-892	6
379	The regulation of the ZBP1-NLRP3 inflammasome and its implications in pyroptosis, apoptosis, and necroptosis (PANoptosis). 2020 , 297, 26-38	61
378	Flexible Usage and Interconnectivity of Diverse Cell Death Pathways Protect against Intracellular Infection. 2020 , 53, 533-547.e7	42
377	A unique bacterial tactic to circumvent the cell death crosstalk induced by blockade of caspase-8. 2020 , 39, e104469	17
376	NLRP3 Inflammasomes in Parkinson's disease and their Regulation by Parkin. 2020 , 446, 323-334	17
375	ROS-Mediated Necroptosis Is Involved in Iron Overload-Induced Osteoblastic Cell Death. 2020 , 2020, 1295382	14
374	Emerging connectivity of programmed cell death pathways and its physiological implications. 2020 , 21, 678-695	141
373	miRNA-141 Induced Pyroptosis in Intervertebral Disk Degeneration by Targeting ROS Generation and Activating TXNIP/NLRP3 Signaling in Nucleus Pulpous Cells. 2020 , 8, 871	10
372	Interconnections among major forms of regulated cell death. 2020 , 25, 616-624	6
371	Simultaneously and Selectively Imaging a Cytoplasm Membrane and Mitochondria Using a Dual-Colored Aggregation-Induced Emission Probe. 2020 , 92, 14494-14500	16
370	AIM2 inflammasome mediates hallmark neuropathological alterations and cognitive impairment in a mouse model of vascular dementia. 2021 , 26, 4544-4560	21
369	Lipid-mediated regulation of the cancer-immune crosstalk. 2020 , 161, 105131	3
368	<i>Enterococcus faecalis</i> induces necroptosis in human osteoblastic MG63 cells through the RIPK3 / MLKL signalling pathway. 2020 , 53, 1204-1215	4
367	DDX3X Sits at the Crossroads of Liquid-Liquid and Prionoid Phase Transitions Arbitrating Life and Death Cell Fate Decisions in Stressed Cells. 2020 , 39, 1091-1095	4
366	Cross talk between intracellular pathogens and cell death. 2020 , 297, 174-193	16
365	PEBP1 acts as a rheostat between prosurvival autophagy and ferroptotic death in asthmatic epithelial cells. 2020 , 117, 14376-14385	27

364	Molecular Mechanisms of Cardiomyocyte Death in Drug-Induced Cardiotoxicity. 2020 , 8, 434	46
363	The PANoptosome: A Deadly Protein Complex Driving Pyroptosis, Apoptosis, and Necroptosis (PANoptosis). 2020 , 10, 238	64
362	Non-Small-Cell Lung Cancer Signaling Pathways, Metabolism, and PD-1/PD-L1 Antibodies. 2020 , 12,	34
361	Caspase-8: The double-edged sword. 2020 , 1873, 188357	27
360	New insights into the regulation of apoptosis, necroptosis, and pyroptosis by receptor interacting protein kinase 1 and caspase-8. 2020 , 63, 186-193	56
359	Molecular actions of NLR immune receptors in plants and animals. 2020 , 63, 1303-1316	17
358	Cell death in the gut epithelium and implications for chronic inflammation. 2020 , 17, 543-556	55
357	Inhibition of autophagy enhances timosaponin AIII-induced lung cancer cell apoptosis and anti-tumor effect in vitro and in vivo. 2020 , 257, 118040	5
356	Non-canonical Caspase-1 Signaling Drives RIP2-Dependent and TNF- β -Mediated Inflammation In Vivo. 2020 , 30, 2501-2511.e5	14
355	Death Receptors and Their Ligands in Inflammatory Disease and Cancer. 2020 , 12,	10
354	EGb761 ameliorates cell necroptosis by attenuating RIP1-mediated mitochondrial dysfunction and ROS production in both in vivo and in vitro models of Alzheimer's disease. 2020 , 1736, 146730	12
353	Caspase-8 Induces Lysosome-Associated Cell Death in Cancer Cells. 2020 , 28, 1078-1091	7
352	FADD and Caspase-8 Regulate Gut Homeostasis and Inflammation by Controlling MLKL- and GSDMD-Mediated Death of Intestinal Epithelial Cells. 2020 , 52, 978-993.e6	59
351	Lytic cell death in metabolic liver disease. 2020 , 73, 394-408	39
350	Multiple roles of caspase-8 in cell death, inflammation, and innate immunity. 2021 , 109, 121-141	27
349	Increasing complexity of NLRP3 inflammasome regulation. 2021 , 109, 561-571	26
348	The Effect of Porphyromonas gingivalis Lipopolysaccharide on the Pyroptosis of Gingival Fibroblasts. 2021 , 44, 846-858	3
347	RIP-roaring inflammation: RIPK1 and RIPK3 driven NLRP3 inflammasome activation and autoinflammatory disease. 2021 , 109, 114-124	15

346	Determining the effector response to cell death. 2021 , 21, 292-304	11
345	Delivery of apigenin-loaded magnetic FeO/FeO@mSiO nanocomposites to A549 cells and their antitumor mechanism. 2021 , 120, 111719	14
344	Synergism of TNF- α and IFN- γ Triggers Inflammatory Cell Death, Tissue Damage, and Mortality in SARS-CoV-2 Infection and Cytokine Shock Syndromes. 2021 , 184, 149-168.e17	333
343	Apaf-1 Pyroptosome Senses Mitochondrial Permeability Transition. 2021 , 33, 424-436.e10	22
342	Effect of photodynamic therapy on expression of HRAS, NRAS and caspase 3 genes at mRNA levels, apoptosis of head and neck squamous cell carcinoma cell line. 2021 , 33, 102142	2
341	Inflammasome activation in acute lung injury. 2021 , 320, L165-L178	18
340	Unanchored ubiquitin chain sustains RIG-I-induced interferon-I activation and controls selective gene expression. 2021 , 66, 794-802	
339	Programmed cell death of <i>Chlamydomonas reinhardtii</i> induced by three cyanobacterial volatiles: β -ionone, limonene and longifolene. 2021 , 762, 144539	4
338	Sterile inflammation drives multiple programmed cell death pathways in the gut. 2021 , 109, 211-221	2
337	Fueling the Fire: Inflammatory Forms of Cell Death and Implications for Cancer Immunotherapy. 2021 , 11, 266-281	26
336	C1q/tumor necrosis factor-related protein-6 attenuates TNF- α -induced apoptosis in salivary acinar cells via AMPK/SIRT1-modulated miR-34a-5p expression. 2021 , 236, 5785-5800	5
335	Baicalin ameliorates α -induced inflammatory injury in the chicken lung through regulating the intestinal microbiota and phenylalanine metabolism. 2021 , 12, 4092-4104	9
334	From pyroptosis, apoptosis and necroptosis to PANoptosis: A mechanistic compendium of programmed cell death pathways. 2021 , 19, 4641-4657	34
333	Tumor suppressor DRD2 facilitates M1 macrophages and restricts NF- κ B signaling to trigger pyroptosis in breast cancer. 2021 , 11, 5214-5231	20
332	FV-429 induces autophagy blockage and lysosome-dependent cell death of T-cell malignancies via lysosomal dysregulation. 2021 , 12, 80	3
331	Antibody ligation of carcinoembryonic antigen-related cell adhesion molecule 1 (CEACAM1), CEACAM3, and CEACAM6, differentially enhance the cytokine release of human neutrophils in responses to <i>Candida albicans</i> .	1
330	Cutting the line: manipulation of plant immunity by bacterial type III effector proteases. 2021 , 72, 3395-3409	2
329	Roles of TNF receptor-associated and Fas-associated death domain proteins in the apoptosis of <i>Eimeria tenella</i> host cells. 2021 , 290, 109351	1

328	Tumor-Associated Macrophages Promote Oxaliplatin Resistance METTL3-Mediated mA of TRAF5 and Necroptosis in Colorectal Cancer. 2021 , 18, 1026-1037	12
327	Relevance of the Pyroptosis-Related Inflammasome Pathway in the Pathogenesis of Diabetic Kidney Disease. 2021 , 12, 603416	13
326	Regulation of Caspase-8 Activity at the Crossroads of Pro-Inflammation and Anti-Inflammation. 2021 , 22,	6
325	Picornavirus 3C - a protease ensuring virus replication and subverting host responses. 2021 , 134,	4
324	Necroptosis, pyroptosis and apoptosis: an intricate game of cell death. 2021 , 18, 1106-1121	82
323	Kaempferol Reverses Aerobic Glycolysis via miR-339-5p-Mediated PKM Alternative Splicing in Colon Cancer Cells. 2021 , 69, 3060-3068	10
322	Synthesis and antitumor potential of new arylidene ursolic acid derivatives via caspase-8 activation. 2021 , 354, e2000448	2
321	Irisin Protects Against LPS-Stressed Cardiac Damage Through Inhibiting Inflammation, Apoptosis, and Pyroptosis. 2021 , 56, 1009-1018	5
320	The Antisocial Network: Cross Talk Between Cell Death Programs in Host Defense. 2021 , 39, 77-101	12
319	Identification of Silkworm Hemocyte Subsets and Analysis of Their Response to Baculovirus Infection Based on Single-Cell RNA Sequencing. 2021 , 12, 645359	4
318	A novel defined pyroptosis-related gene signature for predicting the prognosis of ovarian cancer. 2021 , 7, 71	107
317	Pyroptosis: A New Frontier in Kidney Diseases. 2021 , 2021, 6686617	9
316	Mechanics of a molecular mousetrap-nucleation-limited innate immune signaling. 2021 , 120, 1150-1160	2
315	Interferons at the crossroad of cell death pathways during gastrointestinal inflammation and infection. 2021 , 311, 151491	1
314	The effects of MEX3A knockdown on proliferation, apoptosis and migration of osteosarcoma cells. 2021 , 21, 197	3
313	Discovery of CASP8 as a potential biomarker for high-risk prostate cancer through a high-multiplex immunoassay. 2021 , 11, 7612	4
312	c-Abl activates RIPK3 signaling in Gaucher disease. 2021 , 1867, 166089	4
311	Ganoderic acid T improves the radiosensitivity of HeLa cells via converting apoptosis to necroptosis. 2021 , 10, 531-541	2

310	The metabolite β KG induces GSDMC-dependent pyroptosis through death receptor 6-activated caspase-8. 2021 , 31, 980-997	24
309	Pyroptosis in stroke-new insights into disease mechanisms and therapeutic strategies. 2021 , 77, 511-529	6
308	Caspase-8 Potentiates Triglyceride (TG)-Induced Cell Death of THP-1 Macrophages via a Positive Feedback Loop. 2021 , 53, 158-164	
307	Crosstalk between histological alterations, oxidative stress and immune aberrations of the emerging PFOS alternative OBS in developing zebrafish. 2021 , 774, 145443	2
306	RIPK1-Associated Inborn Errors of Innate Immunity. 2021 , 12, 676946	1
305	Role of necroptosis in infection-related, immune-mediated, and autoimmune skin diseases. 2021 , 48, 1129-1138	5
304	Physalin B inhibits cell proliferation and induces apoptosis in undifferentiated human gastric cancer HGC-27 cells. 2021 ,	1
303	The Application of Functional Magnetic Resonance Imaging in Type 2 Diabetes Rats With Contrast-Induced Acute Kidney Injury and the Associated Innate Immune Response. 2021 , 12, 669581	3
302	The role of regulated necrosis in endocrine diseases. 2021 , 17, 497-510	10
301	Alendronate Augments Lipid A-Induced IL-1 β Release via Activation of ASC but Not Caspase-11. 2021 , 44, 2132-2141	
300	The Interplay between Nutrition, Innate Immunity, and the Commensal Microbiota in Adaptive Intestinal Morphogenesis. 2021 , 13,	5
299	Sodium fluoride activates the extrinsic apoptosis via regulating NOX4/ROS-mediated p53/DR5 signaling pathway in lung cells both in vitro and in vivo. 2021 , 169, 137-148	3
298	Epigenetic Deregulation of Apoptosis in Cancers. 2021 , 13,	10
297	Pan-caspase inhibition as a potential host-directed immunotherapy against MRSA and other bacterial skin infections. 2021 , 13,	2
296	Inflammatory Cell Death, PANoptosis, Mediated by Cytokines in Diverse Cancer Lineages Inhibits Tumor Growth. 2021 , 5, 568-580	20
295	Pyroptosis in Cancer: Friend or Foe?. 2021 , 13,	19
294	Inflammatory cell death induced by cytotoxic lymphocytes: a dangerous but necessary liaison. 2021 ,	5
293	Ruthenium Complexes as Promising Candidates against Lung Cancer. 2021 , 26,	8

292	Attenuating senescence and dead cells accumulation as heart failure therapy: Break the communication networks. 2021 , 334, 72-85	1
291	Platelet-rich plasma attenuates intervertebral disc degeneration via delivering miR-141-3p-containing exosomes. 2021 , 20, 1487-1499	1
290	TNF-mediated neuroinflammation is linked to neuronal necroptosis in Alzheimer's disease hippocampus.	
289	The Escalation of Osteosarcoma Stem Cells Apoptosis After the Co-Cultivation of Peripheral Blood Mononuclear Cells Sensitized with Mesenchymal Stem Cells Secretome and Colony Stimulating Factor-2 in vitro. 2021 , 12, 601-611	1
288	Gout-associated monosodium urate crystal-induced necrosis is independent of NLRP3 activity but can be suppressed by combined inhibitors for multiple signaling pathways. 2021 ,	4
287	Actions of the NLRP3 and NLRC4 inflammasomes overlap in bone resorption. 2021 , 35, e21837	1
286	The 'cytokine storm': molecular mechanisms and therapeutic prospects. 2021 , 42, 681-705	36
285	Hearing Impairment in a Mouse Model of Diabetes Is Associated with Mitochondrial Dysfunction, Synaptopathy, and Activation of the Intrinsic Apoptosis Pathway. 2021 , 22,	1
284	Targeting hypoxia for sensitization of tumors to apoptosis enhancement through supramolecular biohybrid bacteria. 2021 , 605, 120817	2
283	Non-coding RNAs in necroptosis, pyroptosis and ferroptosis in cancer metastasis. 2021 , 7, 210	16
282	A grass carp model with an antibiotic-disrupted intestinal microbiota. 2021 , 541, 736790	5
281	The role of non-apoptotic cell death in the treatment and drug-resistance of digestive tumors. 2021 , 405, 112678	5
280	Targeting Cytokines, Pathogen-Associated Molecular Patterns, and Damage-Associated Molecular Patterns in Sepsis via Blood Purification. 2021 , 22,	10
279	A Bibliometric Analysis of Pyroptosis From 2001 to 2021. 2021 , 12, 731933	10
278	A unique death pathway keeps RIPK1 D325A mutant mice in check at embryonic day 10.5. 2021 , 19, e3001304	1
277	Transfection of STAT3 overexpression plasmid mediated through recombinant lentivirus promotes differentiation of bone marrow mesenchymal stem cells into neural cells in fetal rats with spina bifida aperta. 2021 , 13, 21778-21790	1
276	Regulated lytic cell death in breast cancer. 2021 ,	1
275	Uncovering the Depths of the Human Proteome: Antibody-based Technologies for Ultrasensitive Multiplexed Protein Detection and Quantification. 2021 , 20, 100155	4

274	GDNF requires HIF-1 α and RET activation for suppression of programmed cell death of enteric neurons by metabolic challenge. 2021 , 115, 103655	0
273	TNF- β synergises with IFN- γ to induce caspase-8-JAK1/2-STAT1-dependent death of intestinal epithelial cells. 2021 , 12, 864	6
272	Zika virus causes placental pyroptosis and associated adverse fetal outcomes by activating GSDME.	0
271	Necroptosis in Pulmonary Diseases: A New Therapeutic Target. 2021 , 12, 737129	2
270	Necroptosis contributes to chronic inflammation and fibrosis in aging liver.	
269	PANoptosis in Viral Infection: The Missing Puzzle Piece in the Cell Death Field. 2021 , 167249	5
268	Protective action of ultrasound-guided intraparenchymal transplantation of BMSCs in adriamycin nephropathy rats through the RIPK3/MLKL and NLRP3 pathways. 2021 , 123, 151773	1
267	Chlorpyrifos caused necroptosis via MAPK/NF- κ B/TNF- α pathway in common carp (<i>Cyprinus carpio</i> L.) gills. 2021 , 249, 109126	4
266	Intermittent hypoxia aggravates non-alcoholic fatty liver disease via RIPK3-dependent necroptosis-modulated Nrf2/NF κ B signaling pathway. 2021 , 285, 119963	3
265	Low-dose exposure to black carbon significantly increase lung injury of cadmium by promoting cellular apoptosis. 2021 , 224, 112703	3
264	Photodynamic therapy induces human esophageal carcinoma cell pyroptosis by targeting the PKM2/caspase-8/caspase-3/GSDME axis. 2021 , 520, 143-159	10
263	Senescence and Apoptosis: Architects of Mammalian Development. 2020 , 8, 620089	7
262	Apoptosis in infectious diseases as a mechanism of immune evasion and survival. 2021 , 125, 1-24	4
261	Cell death pathways: intricate connections and disease implications. 2021 , 40, e106700	43
260	Caspase-8-Dependent Inflammatory Responses Are Controlled by Its Adaptor, FADD, and Necroptosis. 2020 , 52, 994-1006.e8	35
259	AIM2 Inflammasome Mediates Hallmark Neuropathological Alterations and Cognitive Impairment in a Mouse Model of Vascular Dementia.	2
258	Synergism of TNF- α and IFN- γ triggers inflammatory cell death, tissue damage, and mortality in SARS-CoV-2 infection and cytokine shock syndromes. 2020 ,	14
257	Newly Identified Function of Caspase-6 in ZBP1-mediated Innate Immune Responses, NLRP3 Inflammasome Activation, PANoptosis, and Host Defense. 2020 , 2, 341-347	4

256	Distinct characteristics of dasatinib-induced pyroptosis in gasdermin E-expressing human lung cancer A549 cells and neuroblastoma SH-SY5Y cells. 2020 , 20, 145-154	5
255	TNF-mediated neuroinflammation is linked to neuronal necroptosis in Alzheimer's disease hippocampus. 2021 , 9, 159	9
254	Gold(II) Bis(1,2,3-triazol-5-ylidene) Complexes as Promising Selective Anticancer Compounds. 2021 , 64, 15747-15757	1
253	Cyclic helix B peptide promotes random-pattern skin flap survival via TFE3-mediated enhancement of autophagy and reduction of ROS levels. 2021 , 179, 301	1
252	Cutting Edge: Caspase-8 Is a Linchpin in Caspase-3 and Gasdermin D Activation to Control Cell Death, Cytokine Release, and Host Defense during Influenza A Virus Infection. 2021 , 207, 2411-2416	3
251	Oridonin inhibits DNMT3A R882 mutation-driven clonal hematopoiesis and leukemia by inducing apoptosis and necroptosis. 2021 , 7, 297	1
250	A long way to go: caspase inhibitors in clinical use. 2021 , 12, 949	3
249	The Role of Epithelial Damage in the Pulmonary Immune Response. 2021 , 10,	4
248	Pyroptosis targeting via mitochondria: An educated guess to innovate COVID-19 therapies. 2021 ,	2
247	Dihydroartemisinin mediating PKM2-caspase-8/3-GSDME axis for pyroptosis in esophageal squamous cell carcinoma. 2021 , 350, 109704	4
246	Targeting regulated cell death (RCD) with small-molecule compounds in cancer therapy: A revisited review of apoptosis, autophagy-dependent cell death and necroptosis. 2021 , 27, 612-612	2
245	Chronic Ethanol Consumption Induces Osteopenia via Activation of Osteoblast Necroptosis. 2021 , 2021, 3027954	4
244	Gasdermin D mediates host cell death but not interleukin-1 β secretion in Mycobacterium tuberculosis-infected macrophages. 2021 , 7, 327	1
243	Cell death: machinery and regulation. 2022 , 47-64	0
242	Effects of Sodium tanshinone IIA sulfonate on H9C2 cardiomyocyte injury induced by sodium arsenite.	
241	Genome-wide association studies identify the role of caspase-9 in kidney disease. 2021 , 7, eabi8051	0
240	Microbial signals and lymphotoxin drive TNF-independent death of A20 and ABIN-1 deficient epithelium.	
239	Identification of silkworm hemocyte subsets and analysis of their response to BmNPV infection based on single-cell RNA sequencing.	

238	GDF-11 Protects the Traumatically Injured Spinal Cord by Suppressing Pyroptosis and Necroptosis via TFE3-Mediated Autophagy Augmentation. 2021 , 2021, 8186877	1
237	Antibody ligation of CEACAM1, CEACAM3, and CEACAM6, differentially enhance the cytokine release of human neutrophils in responses to <i>Candida albicans</i> . 2021 , 371, 104459	
236	Docosahexaenoic acid reduces hypoglycemia-induced neuronal necroptosis via the peroxisome proliferator-activated receptor γ /nuclear factor- κ B pathway. 2022 , 1774, 147708	2
235	Inhibition of myeloid differentiation factor 2 attenuates cardiometabolic impairments via reducing cardiac mitochondrial dysfunction, inflammation, apoptosis and ferroptosis in prediabetic rats. 2021 , 1868, 166301	0
234	GDF-11 Protects the Traumatically Injured Spinal Cord by Suppressing Pyroptosis and Necroptosis via TFE3-Mediated Autophagy Augmentation. 2021 , 2021, 1-31	2
233	A Newly Defined Pyroptosis-Related Gene Signature for the Prognosis of Bladder Cancer. 2021 , 14, 8109-8120	2
232	Mitochondrial dysfunction promotes alternative gasdermin D-mediated inflammatory cell death and susceptibility to infection.	0
231	Predicting the prognosis of glioma by pyroptosis-related signature. 2021 ,	7
230	Necroptosis contributes to chronic inflammation and fibrosis in aging liver. 2021 , e13512	4
229	LILRB3 supports acute myeloid leukemia development and regulates T-cell antitumor immune responses through the TRAF2-cFLIP-NF- κ B signaling axis.. 2021 , 2, 1170-1184	2
228	Dying cells fan the flames of inflammation. 2021 , 374, 1076-1080	13
227	The Programmed Cell Death of Macrophages, Endothelial Cells, and Tubular Epithelial Cells in Sepsis-AKI.. 2021 , 8, 796724	2
226	The evolution of regulated cell death pathways in animals and their evasion by pathogens.. 2022 , 102, 411-454	6
225	Inactivation of RIP3 kinase sensitizes to 15LOX/PEBP1-mediated ferroptotic death.. 2022 , 50, 102232	1
224	Ars moriendi: Proteases as sculptors of cellular suicide.. 2021 , 119191	0
223	TLR Signaling in Brain Immunity. 2021 ,	1
222	Prognostic Implications of Pyroptosis-Related Gene Signatures in Lung Squamous Cell Carcinoma.. 2022 , 13, 806995	0
221	Pyroptosis, a target for cancer treatment?. 2022 , 27, 1	3

220	Research Advances in Antitumor Mechanism of Evodiamine. 2022 , 2022, 1-12	
219	Concise synthesis and biological activity evaluation of novel pyrazinyl-aryl urea derivatives against several cancer cell lines, which can especially induce T24 apoptotic and necroptotic cell death.. 2022 , 13, 280-299	
218	Pathophysiology of Hemorrhage as It Relates to the Warfighter.. 2022 ,	0
217	Necrostatin-1 Relieves Learning and Memory Deficits in a Zebrafish Model of Alzheimer's Disease Induced by Aluminum.. 2022 , 40, 198	1
216	Focus on the Mechanisms and Functions of Pyroptosis, Inflammasomes, and Inflammatory Caspases in Infectious Diseases.. 2022 , 2022, 2501279	0
215	Microbial signals, MyD88, and lymphotoxin drive TNF-independent intestinal epithelial tissue damage.. 2022 ,	2
214	Caspase-8 auto-cleavage regulates programmed cell death and collaborates with RIPK3/MLKL to prevent lymphopenia.. 2022 ,	0
213	mA: An Emerging Role in Programmed Cell Death.. 2022 , 10, 817112	1
212	Cadmium and molybdenum co-induce pyroptosis and apoptosis the PTEN/PI3K/AKT axis in the livers of Shaoxing ducks ().. 2022 ,	2
211	Bone Marrow Mesenchymal Stem Cells (BMSCs) Transplantation Alleviates Acute Pancreatitis Through Inhibiting Inflammation and Promoting Caspase-8 Apoptosis Pathway. 2022 , 12, 1034-1039	
210	The pyroptosis-related gene signature predicts prognosis and indicates immune activity in hepatocellular carcinoma.. 2022 , 28, 16	5
209	Artemisinin-Type Drugs in Tumor Cell Death: Mechanisms, Combination Treatment with Biologics and Nanoparticle Delivery.. 2022 , 14,	1
208	A Glimpse of Programmed Cell Death Among Bacteria, Animals, and Plants.. 2021 , 9, 790117	0
207	Pyroptosis: A Developing Foreland of Ovarian Cancer Treatment.. 2022 , 12, 828303	1
206	Interferon- β primes macrophages for pathogen ligand-induced killing via a caspase-8 and mitochondrial cell death pathway.. 2022 ,	5
205	Glycosylation-Dependent Induction of Programmed Cell Death in Murine Adenocarcinoma Cells.. 2022 , 13, 797759	0
204	The adenosine A receptor antagonist protects against retinal mitochondrial injury in association with an altered network of competing endogenous RNAs.. 2022 , 208, 108981	
203	Magnetic Resonance Imaging of Contrast-Induced Acute Renal Injury and Related Pathological Alterations In Vivo.. 2022 , 2022, 6984200	

202	Neonatal Arterial Ischaemic Stroke: Advances in Pathologic neural death, Diagnosis, Treatment, and Prognosis.. 2022,	
201	Macrophage Subsets and Death Are Responsible for Atherosclerotic Plaque Formation.. 2022, 13, 843712	3
200	Programmed cell death: the pathways to severe COVID-19?. 2022, 479, 609-628	0
199	Application of Regulatory Cell Death in Cancer: Based on Targeted Therapy and Immunotherapy.. 2022, 13, 837293	0
198	Therapeutic potentials of cell death inhibitors in rats with cardiac ischaemia/reperfusion injury.. 2022,	1
197	Chromatin accessibility and transcriptome integrative analysis revealed AP-1-mediated genes potentially modulate histopathology features in psoriasis.. 2022, 14, 38	2
196	Caspase-8 Deficient Osteoblastic Cells Display Alterations in Non-Apoptotic Pathways.. 2022, 10, 794407	
195	Integrative analysis of genomic and transcriptomic data of normal, tumour and co-occurring leukoplakia tissue triads drawn from patients with gingivobuccal oral cancer identifies signatures of tumour initiation and progression.. 2022,	0
194	Role of Pyroptosis in Respiratory Diseases and its Therapeutic Potential.. 2022, 15, 2033-2050	
193	A new cell death program regulated by toll-like receptor 9 through p38 mitogen-activated protein kinase signaling pathway in a neonatal rat model with sepsis associated encephalopathy.. 2022,	0
192	The Whole Blood DNA Methylation Patterns of Extrinsic Apoptotic Signaling Pathway Related Genes in Autoimmune Thyroiditis among Areas with Different Iodine Levels.. 2022, 1-35	0
191	STING agonist diABZI induces PANoptosis and DNA mediated acute respiratory distress syndrome (ARDS).. 2022, 13, 269	5
190	Caspase-8: Friend or Foe in Bortezomib/Lenalidomide-Based Therapy for Myeloma.. 2022, 12, 861709	0
189	Necroptotic TNF β -syndecan 4-TNF α vicious cycle as a therapeutic target for preventing temporomandibular joint osteoarthritis.. 2022,	0
188	Identification of a Pyroptosis-Related Prognostic Signature Combined With Experiments in Hepatocellular Carcinoma.. 2022, 9, 822503	1
187	A mitochondria-targeted AIE photosensitizer for enhancing specificity and efficacy of ferroptosis inducer. 1	2
186	Exosome-Derived LncRNA TCONS_00072128 Mediated Osteogenic Differentiation and Inflammation by Caspase 8 Regulation.. 2021, 12, 831420	2
185	Mesenchymal stem cells inhibited the apoptosis of alveolar epithelial cells caused by ARDS through CXCL12/CXCR4 axis.. 2022,	2

184	Angiotensin II related glial cell activation and necroptosis of retinal ganglion cells after systemic hypotension in glaucoma.. 2022 , 13, 323	1
183	Gut Microbiota Interact With the Brain Through Systemic Chronic Inflammation: Implications on Neuroinflammation, Neurodegeneration, and Aging.. 2022 , 13, 796288	6
182	Diverse pathways to neuronal necroptosis in Alzheimer's disease.. 2022 ,	0
181	Non-apoptotic cell death-based cancer therapy: Molecular mechanism, pharmacological modulators, and nanomedicine. 2022 ,	3
180	Developmental toxicity of glyphosate on embryo-larval zebrafish (Danio rerio).. 2022 , 236, 113493	1
179	A strategy for attenuation of acute radiation-induced lung injury using crocetin from gardenia fruit.. 2022 , 149, 112899	0
178	Vitamin D protects against high glucose-induced pancreatic β cell dysfunction via AMPK-NLRP3 inflammasome pathway.. 2022 , 547, 111596	0
177	Viral manipulation of host cell necroptosis and pyroptosis.. 2021 ,	2
176	Uptake and toxicity of polystyrene micro/nanoplastics in gastric cells: Effects of particle size and surface functionalization.. 2021 , 16, e0260803	5
175	Receptor Interacting Protein Kinase Pathways Regulate Innate B Cell Developmental Checkpoints But Not Effector Function in Mice.. 2021 , 12, 758407	
174	Differences of Key Proteins between Apoptosis and Necroptosis.. 2021 , 2021, 3420168	1
173	The role of caspases as executioners of apoptosis.. 2021 ,	0
172	miR-210 Regulates Apoptotic Cell Death during Cellular Hypoxia and Reoxygenation in a Diametrically Opposite Manner.. 2021 , 10,	2
171	XIAP promotes melanoma growth by inducing tumour neutrophil infiltration.. 2022 , e53608	1
170	Reprogramming of Cell Death Pathways by Bacterial Effectors as a Widespread Virulence Strategy.. 2022 , e0061421	0
169	Silver nanoparticles induce mitochondria-dependent apoptosis and late non-canonical autophagy in HT-29 colon cancer cells. 2022 , 11, 1911-1926	2
168	It's All in the PAN: Crosstalk, Plasticity, Redundancies, Switches, and Interconnectedness Encompassed by PANoptosis Underlying the Totality of Cell Death-Associated Biological Effects.. 2022 , 11,	2
167	Non-Apoptotic Programmed Cell Death-Related Gene Signature Correlates With Stemness and Immune Status and Predicts the Responsiveness of Transarterial Chemoembolization in Hepatocellular Carcinoma.. 2022 , 10, 844013	

166	Fas/CD95 Signaling Pathway in Damage-Associated Molecular Pattern (DAMP)-Sensing Receptors.. 2022 , 11,	0
165	Identification of a Pyroptosis-Related Gene Signature for Predicting the Immune Status and Prognosis in Lung Adenocarcinoma. 2022 , 10,	1
164	Effect of Valproic Acid on NLR Family Pyrin Domain Containing 1/3 (NLRP1/3) Inflammasome in Rats with Acute Spinal Cord Injury. 2022 , 12, 1202-1208	
163	Therapy Targets SARS-CoV-2 Infection-Induced Cell Death. 2022 , 13,	1
162	Programmed Cell Death in Sepsis Associated Acute Kidney Injury. 2022 , 9,	3
161	No longer married to inflammasome signaling: the diverse interacting pathways leading to pyroptotic cell death. 2022 , 479, 1083-1102	0
160	Lycorine Inhibits Hypertrophic Scar Formation by Inducing ROS-Mediated Apoptosis. 2022 , 10,	1
159	Retinal Ganglion Cell Death in Glaucoma: Advances and Caveats. 1-10	
158	NIR-II Responsive Molybdenum Dioxide Nanosystem Manipulating Cellular Immunogenicity for Enhanced Tumor Photoimmunotherapy.	4
157	A Novel Classification Model for Lower-Grade Glioma Patients Based on Pyroptosis-Related Genes. 2022 , 12, 700	0
156	Pyroptosis-Related Signature and Tumor Microenvironment Infiltration Characterization in Head and Neck Squamous Cell Carcinoma. 2022 , 10,	0
155	The Identification of Necroptosis-Related Subtypes, the Construction of a Prognostic Model, and the Characterization of the Tumor Microenvironment in Gliomas. 12,	0
154	Enterococcus faecalis -Induced Macrophage Necroptosis Promotes Refractory Apical Periodontitis.	2
153	The web of death: the expanding complexity of necroptotic signaling. 2022 ,	0
152	Deregulation and epigenetic modification of BCL2-family genes cause resistance to venetoclax in hematologic malignancies.	3
151	Pathway of Cell Death and Its Role in Virus Infection.	0
150	ADAMTS18+ villus tip telocytes maintain a polarized VEGFA signaling domain and fenestrations in nutrient-absorbing intestinal blood vessels. 2022 , 13,	0
149	Identification of a Novel Pyroptosis-Related Gene Signature Indicative of Disease Prognosis and Treatment Response in Skin Cutaneous Melanoma. Volume 15, 6145-6163	0

- 148 Role of Pyroptosis in Gynecological Oncology and Its Therapeutic Regulation. **2022**, 12, 924 0
- 147 Think Beyond Particle Cytotoxicity: When Self-Cellular Components Released After Immunogenic Cell Death Explain Chronic Disease Development. 4, 0
- 146 Pyroptosis-Related Gene to Construct Prognostic Signature and Explore Immune Microenvironment and Immunotherapy Biomarkers in Bladder Cancer. 13, 1
- 145 Immunotherapy of glioblastoma explants induces interferon- γ responses and spatial immune cell rearrangements in tumor center, but not periphery. **2022**, 8, 1
- 144 Spotlight on pyroptosis: role in pathogenesis and therapeutic potential of ocular diseases. **2022**, 19, 5
- 143 IL-33 biology in cancer: An update and future perspectives. **2022**, 157, 155961 1
- 142 Ferroptosis, necroptosis, and pyroptosis in the occurrence and development of ovarian cancer. 13, 1
- 141 Target Identification-Based Analysis of Mechanism of Betulinic Acid-Induced Cells Apoptosis of Cervical Cancer SiHa. **2022**, 17, 1934578X2211155
- 140 TIPE2 inhibits migration and promotes apoptosis as a tumor suppressor in hypopharyngeal carcinoma. **2022**, 23,
- 139 L-interrogans prevents macrophage death and pyroptotic IL1 β release through its lipopolysaccharide. 0
- 138 Establishment of a prognostic signature for lung adenocarcinoma by integration of 7 pyroptosis-related genes and cross-validation between the TCGA and GEO cohorts: A comprehensive bioinformatics analysis. **2022**, 101, e29710 1
- 137 Largemouth Bass Virus Infection Induced Non-Apoptotic Cell Death in MsF Cells. **2022**, 14, 1568 0
- 136 Endothelial Caspase-8 prevents fatal necroptotic hemorrhage caused by commensal bacteria. 0
- 135 Regulated necrosis, a proinflammatory cell death, potentially counteracts pathogenic infections. **2022**, 13, 0
- 134 Unveiling of brain transcriptome of masked palm civet (*Paguma larvata*) with chronic infection of *Toxoplasma gondii*. **2022**, 15, 0
- 133 Caspase-8 Blocks Receptor-Interacting Protein Kinase-1 Kinase-Independent Necroptosis during Embryogenesis. **2022**, 6, 465-475
- 132 Cell Death Triggers Induce MLKL Cleavage in Multiple Myeloma Cells, Which may Promote Cell Death. 12,
- 131 An IBD-associated pathobiont synergises with NSAID to promote colitis which is blocked by NLRP3 inflammasome and Caspase-8 inhibitors. 1

130	Mitochondrial ROS promotes susceptibility to infection via gasdermin D-mediated necroptosis. 2022 , 185, 3214-3231.e23	2
129	Zika virus causes placental pyroptosis and associated adverse fetal outcomes by activating GSDME. 11,	1
128	Caspase-8 Contributes to Immuno-Hot Microenvironment by Promoting Phagocytosis via an Ecto-Calreticulin-dependent Mechanism.	
127	Protocatechuic acid and quercetin attenuate ETEC-caused IPEC-1 cell inflammation and injury associated with inhibition of necroptosis and pyroptosis signaling pathways.	
126	Cellular FLIP Protects KSHV-Transformed Lymphoma Cells from TRAIL-Independent TRAIL Receptor 1-Mediated Cell Death.	1
125	Review: the role of GSDMD in sepsis.	
124	Evidence of pyroptosis and ferroptosis extensively involved in autoimmune diseases at the single-cell transcriptome level. 2022 , 20,	4
123	RIPK1 and RIPK3 regulate TNF β -induced β cell death in concert with caspase activity. 2022 , 101582	1
122	The roles of cellular protease interactions in viral infections and programmed cell death: a lesson learned from the SARS-CoV-2 outbreak and COVID-19 pandemic.	1
121	Pyroptosis in periodontitis: From the intricate interaction with apoptosis, NETosis, and necroptosis to the therapeutic prospects. 12,	1
120	A novel defined cuproptosis-related gene signature for predicting the prognosis of lung adenocarcinoma. 13,	0
119	Robust pyroptosis risk score guides the treatment options and predicts the prognosis of bladder carcinoma. 13,	0
118	Pyroptosis and inflammasomes in diabetic wound healing. 13,	1
117	Effect of polystyrene nanoplastics on cell apoptosis, glucose metabolism, and antibacterial immunity of <i>Eriocheir sinensis</i> . 2022 , 311, 119960	0
116	Caspase-8 mutants activate Nrf2 via phosphorylating SQSTM1 to protect against oxidative stress in esophageal squamous cell carcinoma. 2022 , 192, 51-62	0
115	An IBD-Associated Pathobiont Synergises With NSAID to Promote Colitis Which is Blocked by NLRP3 Inflammasome and Caspase-8 Inhibitors.	0
114	Identification and verification of the pyroptosis-related prognostic signature and its associated regulatory axis in bladder cancer. 10,	0
113	Construction and validation of a necroptosis-related lncRNAs prognosis signature of hepatocellular carcinoma. 13,	0

112	PANoptosis-based molecular clustering and prognostic signature predicts patient survival and immune landscape in colon cancer. 13,	0
111	The Dysfunction of Carcinogenesis- and Apoptosis-Associated Genes that Develops in the Hypothalamus under Chronic Social Defeat Stress in Male Mice. 2022 , 87, 1050-1064	0
110	Regulated Necrosis in Atherosclerosis.	1
109	A pyroptosis-associated signature plays a role in prognosis prediction in clear cell renal cell carcinoma. 2022 , 15,	1
108	MLKL post-translational modifications: road signs to infection, inflammation and unknown destinations.	0
107	Discovery of the radio-protecting effect of Ecliptae Herba, its constituents and targeting p53-mediated apoptosis in vitro and in vivo. 2022 ,	0
106	Pyroptosis: a novel signature to predict prognosis and immunotherapy response in gliomas. 2022 , 35, 1976-1992	0
105	Development and validation of a novel necroptosis-related score to improve the outcomes of clear cell renal cell carcinoma. 13,	0
104	The Role of Programmed Necrosis in Colorectal Cancer. 2022 , 14, 4295	0
103	Identification of a prognostic index system and tumor immune infiltration characterization for lung adenocarcinoma based on mRNA molecular of pyroptosis. 9,	0
102	E-prostanoid 3 receptor deficiency on myeloid cells protects against ischemic acute kidney injury via breaking the auto-amplification loop of necroinflammation. 2022 ,	0
101	Mechanism investigation of Caspase-8/GSDMC dependent immunogenic cell death induced by Ophiopogonin B in NSCLC cells. 2022 , 4, 100157	0
100	Does Pyroptosis Play a Role in Inflammasome-Related Disorders?. 2022 , 23, 10453	0
99	Gasdermin D-deficient mice are hypersensitive to acute kidney injury. 2022 , 13,	1
98	Identification and validation of the necroptosis-related gene signature related to prognosis and tumor immune in hepatocellular carcinoma. 2022 , 101, e30219	0
97	ZBP1: A Powerful Innate Immune Sensor and Double-Edged Sword in Host Immunity. 2022 , 23, 10224	1
96	Dying in self-defence: a comparative overview of immunogenic cell death signalling in animals and plants.	0
95	Characterization of zearalenone-induced hepatotoxicity and its mechanisms by transcriptomics in zebrafish model. 2022 , 309, 136637	0

94	The crosstalk among autophagy, apoptosis, and pyroptosis in cardiovascular disease. 9,	1
93	Key Genes Associated with Pyroptosis in Gout and Construction of a miRNA-mRNA Regulatory Network. 2022 , 11, 3269	0
92	Pyroptosis-Related Gene Signature Predicts the Prognosis of ccRCC Using TCGA and Single-Cell RNA Seq Database. 2022 , 2022, 1-12	0
91	PANoptosis: A Unique Innate Immune Inflammatory Cell Death Modality. 2022 , 209, 1625-1633	2
90	Research Progress on the Role of Pyroptosis in Myocardial Ischemia-Reperfusion Injury. 2022 , 11, 3271	0
89	Identification of a necroptosis-related prognostic gene signature associated with tumor immune microenvironment in cervical carcinoma and experimental verification. 2022 , 20,	0
88	Cytotoxic Effects of Cannabidiol on Neonatal Rat Cortical Neurons and Astrocytes: Potential Danger to Brain Development. 2022 , 14, 720	0
87	Current insights into the regulation of programmed cell death by TP53 mutation in cancer. 12,	1
86	Delta (B1.617.2) variant of SARS-CoV-2 induces severe neurotropic patterns in K18-hACE2 mice.	0
85	Ferroptosis inhibitor liproxstatin-1 alleviates metabolic dysfunction-associated fatty liver disease in mice: potential involvement of PANoptosis.	0
84	Caspase-10 affects the pathogenesis of primary biliary cholangitis by regulating inflammatory cell death. 2022 , 133, 102940	0
83	Engineering 2D silicene-based core/shell nanomedicine for GSDME-induced synergistic pyroptosis and photonic hyperthermia of melanoma carcinoma. 2023 , 454, 140175	1
82	Lighting up the changes of plasma membranes during apoptosis with fluorescent probes. 2023 , 476, 214926	0
81	Combined bulk RNA-seq and single-cell RNA-seq identifies a necroptosis-related prognostic signature associated with inhibitory immune microenvironment in glioma. 13,	0
80	Caspase-8 inactivation drives autophagy-dependent inflammasome activation in myeloid cells. 2022 , 8,	0
79	Immunostimulatory oncolytic activity of coxsackievirus A11 in human malignant pleural mesothelioma.	0
78	Genome- and transcriptome-wide association studies of 386,000 Asian and European-ancestry women provide new insights into breast cancer genetics. 2022 ,	1
77	The heterogeneity of astrocytes in glaucoma. 16,	0

76	Dose-effect of polystyrene microplastics on digestive toxicity in chickens (<i>Gallus gallus</i>): Multi-omics reveals critical role of gut-liver axis. 2022 ,	2
75	The gallium complex KP46 sensitizes resistant leukemia cells and overcomes Bcl-2-induced multidrug resistance in lymphoma cells via upregulation of Harakiri and downregulation of XIAP in vitro. 2022 , 156, 113974	1
74	Programmed cell death: Past, present and future. 2022 , 633, 55-58	0
73	Necrosulfonamide ameliorates intestinal inflammation via inhibiting GSDMD-mediated pyroptosis and MLKL-mediated necroptosis. 2022 , 206, 115338	0
72	Inflammasomes as integral components of PANoptosomes in the regulation of cell death. 2023 , 525-538	0
71	TNF and IL6/Jak2 signaling pathways are the main contributors of the glia-derived neuroinflammation present in Lafora disease, a fatal form of progressive myoclonus epilepsy. 2023 , 176, 105964	1
70	Integrative Analysis of Necroptosis-Related Signature for Predicting the Prognosis of Osteosarcoma.	0
69	Pyroptosis and Its Role in Cervical Cancer. 2022 , 14, 5764	0
68	Extrinsic cell death pathway plasticity: a driver of clonal evolution in cancer?. 2022 , 8,	0
67	Cannabinoid Receptor 2-Centric Molecular Feedback Loop Drives Necroptosis in Diabetic Heart Injuries.	0
66	The host-directed therapeutic imatinib mesylate accelerates immune responses to <i>Mycobacterium marinum</i> infection and limits pathology associated with granulomas.	0
65	Is There an Influence of Electrically Stimulated Osteoblasts on the Induction of Osteoclastogenesis?. 2022 , 12, 11840	0
64	Manipulating PP2Ac β ASK-JNK signaling to favor apoptotic over necroptotic hepatocyte fate reduces the extent of necrosis and fibrosis upon acute liver injury. 2022 , 13,	0
63	ANGPTL4 Regulates Lung Adenocarcinoma Pyroptosis and Apoptosis via NLRP3ASC/Caspase 8 Signaling Pathway to Promote Resistance to Gefitinib. 2022 , 2022, 1-16	0
62	Reduced graphene oxide quenched peptide probe for caspase-8 activity detection and cellular imaging. 2022 , 189,	0
61	Primary cilia suppress Ripk3-mediated necroptosis. 2022 , 8,	0
60	The regulatory role and therapeutic application of pyroptosis in musculoskeletal diseases. 2022 , 8,	0
59	The cGAS-STING pathway-related gene signature can predict patient prognosis and immunotherapy responses in prostate adenocarcinoma. 2022 , 101, e31290	0

- 58 Studies of effector molecules exerting autonomous and nonautonomous influence of T lymphocyte apoptosis under the conditions of in vitro Bell neighborhood in healthy people and patients with rheumatoid arthritis. **2022**, 24, 1119-1138 ○
- 57 Pyroptosis in Alzheimer's disease: cell type-specific activation in microglia, astrocytes and neurons. ○
- 56 Unique role for caspase-8 in the release of IL-1 β and active caspase-1 from viable human monocytes during *Toxoplasma gondii* infection. ○
- 55 Construction of prediction model for prognosis of uterine corpus endometrial carcinoma based on pyroptosis gene. ○
- 54 Antitumor Activity of Piceamycin by Upregulation of N-Myc Downstream-Regulated Gene 1 in Human Colorectal Cancer Cells. **2022**, 85, 2817-2827 1
- 53 The Therapeutic Potential of Pyroptosis in Melanoma. **2023**, 24, 1285 ○
- 52 Conjunctival epitheliopathy induced by topical exposure to bacterial peptidoglycan, muramyl dipeptide. **2023**, 109383 ○
- 51 The Potential Role of Regulated Cell Death in Dry Eye Diseases and Ocular Surface Dysfunction. **2023**, 24, 731 ○
- 50 *Leptospira interrogans* Prevents Macrophage Cell Death and Pyroptotic IL-1 β Release through Its Atypical Lipopolysaccharide. ○
- 49 Caspase-8 contributes to an immuno-hot microenvironment by promoting phagocytosis via an ecto-calreticulin-dependent mechanism. **2023**, 12, ○
- 48 Cancer Cell Resistance to IFN γ Can Occur via Enhanced Double-Strand Break Repair Pathway Activity. ○
- 47 Ruthenium Complex HB324 Induces Apoptosis via Mitochondrial Pathway with an Upregulation of Harakiri and Overcomes Cisplatin Resistance in Neuroblastoma Cells In Vitro. **2023**, 24, 952 1
- 46 Molecular mechanisms and roles of pyroptosis in acute lung injury. **2022**, 135, 2417-2426 ○
- 45 Vagus nerve stimulation exerts cardioprotection against doxorubicin-induced cardiotoxicity through inhibition of programmed cell death pathways. **2023**, 80, 1
- 44 Relationship between pyroptosis-mediated inflammation and the pathogenesis of prostate disease. 10, ○
- 43 Targeting regulated cell death with plant natural compounds for cancer therapy: A revisited review of apoptosis, autophagy-dependent cell death, and necroptosis. ○
- 42 Interaction of exercise training with taurine attenuates infarct size and cardiac dysfunction via Akt-Foxo3a-Caspase-8 signaling pathway. ○
- 41 High Glucose-Induced Kidney Injury via Activation of Necroptosis in Diabetic Kidney Disease. **2023**, 2023, 1-14 1

- 40 Effect of Protein Arginine Methyltransferase 1 Gene Knockout on the Proliferation of Human Embryonic Kidney 293T Cells. **2022**, 49, S1-S11 ○
- 39 Protocatechuic acid and quercetin attenuate ETEC-caused IPEC-1 cell inflammation and injury associated with inhibition of necroptosis and pyroptosis signaling pathways. **2023**, 14, ○
- 38 Capers with caspases: *Toxoplasma gondii* tales of inflammation and survival. **2023**, 72, 102264 ○
- 37 A rare immunological disease, caspase 8 deficiency: case report and literature review. **2023**, 19, ○
- 36 Exposure to fluoride induces apoptosis in the liver, kidney, and heart of *Xenopus laevis* by regulating the Caspase-8/3 signaling pathway. **2023**, 125, 151999 ○
- 35 Sodium-borohydride exfoliated bismuthene loaded with Mitomycin C for chemo-photo-radiotherapy of triple negative breast cancer. **2023**, 636, 122825 ○
- 34 Dietary intake of household cadmium-contaminated rice caused genome-wide DNA methylation changes on gene/hubs related to metabolic disorders and cancers. **2023**, 327, 121553 ○
- 33 Ruxolitinib, a promising therapeutic candidate for traumatic brain injury through maintaining the homeostasis of cathepsin B. **2023**, 363, 114347 ○
- 32 PROGNOSTIC POTENTIAL OF LYMPHOCYTE-TO-MONOCYTE RATIO AND CASPASE-8 IN PREDICTION OF CHRONIC OBSTRUCTIVE PULMONARY DISEASE DEVELOPMENT. **2022**, 75, 2677-2682 ○
- 31 Surveying the landscape of emerging and understudied cell death mechanisms. **2023**, 1870, 119432 1
- 30 Acacetin induces sustained ERK1/2 activation and RIP1-dependent necroptotic death in breast cancer cells. **2023**, 462, 116409 ○
- 29 Innate and adaptive immune abnormalities underlying autoimmune diseases: the genetic connections. ○
- 28 Apoptosis or Antiapoptosis? Interrupted Regulated Cell Death of Host Cells by Ascovirus Infection In Vitro. **2023**, 14, ○
- 27 Advances in mechanism and regulation of PANoptosis: Prospects in disease treatment. 14, ○
- 26 Pregnancy-induced changes to the gut microbiota drive macrophage pyroptosis and exacerbate septic inflammation. **2023**, 56, 336-352.e9 ○
- 25 HECTD1 is both a positive regulator and substrate of caspase-3 activity during apoptotic cell death. ○
- 24 CRISPR screens identify novel regulators of cFLIP dependency and ligand-independent, TRAIL-R1-mediated cell death. ○
- 23 Bioluminescent RIPoptosome Assay for FADD/RIPK1 Interaction Based on Split Luciferase Assay in a Human Neuroblastoma Cell Line SH-SY5Y. **2023**, 13, 297 ○

- 22 Salmonella effector SopF regulates PANoptosis of intestinal epithelial cells to aggravate systemic infection. **2023**, 15, ○
- 21 The double-edged functions of necroptosis. **2023**, 14, ○
- 20 Delta (B1.617.2) variant of SARS-CoV-2 induces severe neurotropic patterns in K18-hACE2 mice. **2023**, 13, 2
- 19 A new immune checkpoint-associated nine-gene signature for prognostic prediction of glioblastoma. **2023**, 102, e33150 ○
- 18 Tourniquet-induced ischemia creates increased risk of organ dysfunction and mortality following delayed limb amputation. **2023**, ○
- 17 Ferroptosis, necroptosis and cuproptosis: Novel forms of regulated cell death in diabetic cardiomyopathy. 10, ○
- 16 ALDH2 attenuates myocardial pyroptosis through breaking down Mitochondrion-NLRP3 inflammasome pathway in septic shock. 14, ○
- 15 Mitochondrial pores at the crossroad between cell death and inflammatory signaling. **2023**, 83, 843-856 ○
- 14 Protein supersaturation powers innate immune signaling. ○
- 13 The Role of Cytokines in Cholesterol Accumulation in Cells and Atherosclerosis Progression. **2023**, 24, 6426 ○
- 12 Apoptotic proteins with non-apoptotic activity: expression and function in cancer. ○
- 11 RIPK1 in the inflammatory response and sepsis: Recent advances, drug discovery and beyond. 14, ○
- 10 Uncoupled pyroptosis and IL-1 β secretion downstream of inflammasome signaling. 14, ○
- 9 Genetic variation associated with human longevity and Alzheimer's disease risk act through microglia and oligodendrocyte cross-talk. ○
- 8 Coxsackievirus A11 is an immunostimulatory oncolytic virus that induces complete tumor regression in a human non-small cell lung cancer. **2023**, 13, ○
- 7 PANoptosis: A Cell Death Characterized by Pyroptosis, Apoptosis, and Necroptosis. Volume 16, 1523-1532 ○
- 6 Research Progress of Pyroptosis in Ophthalmic Diseases. **2023**, 11, 173-181 ○
- 5 The Zinc Transporter SLC39A10 Plays an Essential Role in Embryonic Hematopoiesis. ○

- 4 Recent Therapeutic Strategies for Excessive Chondrocyte Death in Osteoarthritis: A Review. ○
- 3 Triple-Negative Breast Cancer: Basic Biology and Immuno-Oncolytic Viruses. **2023**, 15, 2393 ○
- 2 Apoptotic cell death in disease: Current understanding of the NCCD 2023. **2023**, 30, 1097-1154 ○
- 1 Oxidation of caspase-8 by hypothiocyanous acid enables TNF-mediated necroptosis. **2023**, 104792 ○