

Websites that summarize chemotherapy of COVID-19

														Website name					URL		
					Balint Földesi	Using Existing Therapeutics Against COVID-19											<a href="https://www.biomol.com/resources/biomol-blog/using-">https://www.biomol.com/resources/biomol-blog/using-</a>				

Publications regarding anticoronavirus drugs (case reports are not included)  
既存の臨床薬の新型コロナウイルスに対する効果に関する論文(小規模症例報告を除く)

Drug 1 (論文で述べられている薬剤名1)	Drug 2 (論文で述べられている薬剤名2)	Drug 3 (論文で述べられている薬剤名3)	Drug 4 (論文で述べられている薬剤名4)	Authors (論文著者)	Title of publication (論文タイトル)	Communication/Article	Journal name (掲載雑誌名)	Year	Vol	No.	First page	Last page	Page	DOI	URL	SNS source	SNS source	
amodiaquine				Yasuteru Sakurai, Norikazu Sakakibara, Masaaki Toyama, Masanori Baba, Robert A. Davey,	Novel amodiaquine derivatives potently inhibit Ebola virus infection	full paper	Antiviral Research	2018	160		175	182	8	doi.org/10.1016/j.antiviral.2018.10.025	<a href="https://doi.org/10.1016/j.antiviral.2018.10.025">https://doi.org/10.1016/j.antiviral.2018.10.025</a>			
arbidol	favipiravir			Chang Chen, Yi Zhang, Jianying Huang, Ping Yin, Zhenshun Cheng, Jianyuan Wu, Song Chen, Yongxi Zhang, Bo Chen, Mengxin Lu, Yongwen Luo, Lingao Ju, Jingyi Zhang, Xinghuan Wang	Favipiravir versus Arbidol for COVID-19: A Randomized Clinical Trial	full paper										medRxiv	<a href="https://www.medrxiv.org/content/10.1101/2020.03.17.20037432v4">https://www.medrxiv.org/content/10.1101/2020.03.17.20037432v4</a>	
arbidol	chloroquine phosphate	lopinavir/ritonavir	ribavirin	Liying Dong, Shasha Hu, Jianjun Gao	Discovering drugs to treat coronavirus disease 2019 (COVID-19)	communication	Drug Discoveries & Therapeutics	2020	14		1	58	60	DOI: 10.5582/ddt.2020.01012		J-Stage	<a href="https://www.jstage.jst.go.jp/article/ddt/14/1/14.2020.01012/article/-char/ja/">https://www.jstage.jst.go.jp/article/ddt/14/1/14.2020.01012/article/-char/ja/</a>	
artemisinin	chloroquine	mefloquine		海老沢功	抗マラリア薬研究の進歩	review	日本化学療法学会雑誌	2007	55		5	351	357	DOI: 10.1125/chemotherapy1995.55.351	<a href="https://doi.org/10.1125/chemotherapy1995.55.351">https://doi.org/10.1125/chemotherapy1995.55.351</a>	J-Stage	<a href="https://www.jstage.jst.go.jp/article/chemotherapy1995/55/5/55.5.351/article/-char/ja/">https://www.jstage.jst.go.jp/article/chemotherapy1995/55/5/55.5.351/article/-char/ja/</a>	
boceprevir (GC-376)				Chunlong Ma, Michael Dominic Sacco, Brett Hurst, Julia Alma Townsend, Yanmei Hu, Tommy Szeo, Xiujun Zhang, Bart Tarbet, Michael Thomas Marty, Yu Chen and Jun Wang	Boceprevir, GC-376, and calpain inhibitors II, XII inhibit SARS-CoV-2 viral replication by targeting the viral main protease	full paper	Cell Research	2020			0	1	5	5	<a href="https://doi.org/10.1038/s41422-020-0356-z">https://doi.org/10.1038/s41422-020-0356-z</a>			
cenicriviroc				Mika Okamoto, Masaaki Toyama, Masanori Baba	The chemokine receptor antagonist cenicriviroc inhibits the replication of SARS-CoV-2 in vitro	full paper	Antiviral Research	2020			104902			6	doi.org/10.1016/j.antiviral.2020.104902	<a href="https://doi.org/10.1016/j.antiviral.2020.104902">https://doi.org/10.1016/j.antiviral.2020.104902</a>		
cepharanthine				M. Baba, M. Okamoto, N. Kashiwaba and M. Ono	Anti-HIV-1 activity and structure-activity relationship of cepharanthine derivatives in chronically infected cells	full paper	Antiviral Chemistry & Chemotherapy	2002			307	312	6					
cepharanthine				Christian Bailly	Cepharanthine: An update of its mode of action, pharmacological properties and medical applications	Review	Phytomedicine	2019			152956			12	doi.org/10.1016/j.phymed.2019.152956	<a href="https://doi.org/10.1016/j.phymed.2019.152956">https://doi.org/10.1016/j.phymed.2019.152956</a>		

cepharanthine				Moshe Rogosnitzky, Rachel Danks	Therapeutic potential of the bisocoumarin alkaloid, cepharanthine, for a range of clinical conditions	Review	Pharmacological Reports	2011	63		337	347	11			ResearchGate	<a href="https://www.researchgate.net/publication/51156184_Therapeutic_potential_of_the_bisocoumarin_alkaloid_cepharanthine_for_a_range_of_clinical_conditions">https://www.researchgate.net/publication/51156184_Therapeutic_potential_of_the_bisocoumarin_alkaloid_cepharanthine_for_a_range_of_clinical_conditions</a>
cepharanthine	GUT-70			松田 幸樹, 岡田 誠治	フローサイトメトリーを用いたウイルス侵入阻害薬スクリーニング法の樹立		Cytometry Research	2015	25	1	25	28	4			J-Stage	<a href="https://www.istag.ejst.go.jp/article/cytometryresearch/25/1/25-D-15-00005/article/-char/ia">https://www.istag.ejst.go.jp/article/cytometryresearch/25/1/25-D-15-00005/article/-char/ia</a>
cepharanthine				岡本実佳 Mika OKAMOTO	宿主細胞因子を標的としたHIV-1抑制に関する研究 (Cellular Factors as Targets for Anti-HIV-1 Chemotherapy)	Review	The Journal of AIDS Research (日本エイズ学会誌)	2006	8	2	92	99	8			J-Stage	<a href="https://www.istag.ejst.go.jp/article/aids/1999/8/2/8_2_92/article/-char/ia">https://www.istag.ejst.go.jp/article/aids/1999/8/2/8_2_92/article/-char/ia</a>
cepharanthine				魚谷哲治, 八木治彦, 浅黄節, 菅野和子, 藤坂菊雄 Tetsuji Kametani, Haruhiko Yagi, Setsu Asagi, Kazuko Kanno, Kikuo Wakisaka	Cepharanthine誘導体化合物の合成研究 (第2報) 1-(3-Bromo-4-methoxybenzyl)-1,2,3,4-tetrahydro-6-methoxy-2-methyl-7-isoquinolinoの合成 (複素環式化合物の合成研究 第183号)	Full paper	薬学雑誌 (Yakugaku Zasshi)	1967	87	7	749	752	4				
cepharanthine	atovaquone (ATO),	chloroquine (CQ),	lumefantrine (LUM), piperazine (PPQ)	Camille Desgrous, Jérôme Dornoi, Charles Chapus, Evelyne Olivier, Daniel Parzy and Nicolas Taudon	In vitro and in vivo combination of cepharanthine with anti-malarial drugs		Malaria Journal	2014	13		90		7	DOI:10.1186/1475-2875-13-90	<a href="http://www.malariajournal.com/content/13/1/90">http://www.malariajournal.com/content/13/1/90</a>	ResearchGate	
cepharanthine				Kouki Matsuda, Shinichiro Hattori, Yuji Komizu, Ryusho Kariya, Ryuichi Uekka, Seiji Okada	Cepharanthine Inhibited HIV-1 Cell-Cell Transmission and Cell-free Infection via modification of cell Membrane Fluidity	full paper	Bioorganic & Medicinal Chemistry Letters	2014	24		2115	2117	3	doi.org/10.1016/j.bmcl.2014.03.041	<a href="https://www.sciencedirect.com/science/article/pii/S0960894X14002686">https://www.sciencedirect.com/science/article/pii/S0960894X14002686</a>		
cepharanthine	fangchinoline	tetrandrine		Dong Eon Kim, Jung Sun Min, Min Seong Jang, Jun Young Lee, Young Sup Shin, Chul Min Park, Jong Hwan Song, Hyoung Rae Kim, Saungtaek Kim, Young-Hee Jin and Sunoh Kwon	Natural Bis-Benzylisoquinoline Alkaloids-Tetrandrine, Fangchinoline, and Cepharanthine, Inhibit Human Coronavirus OC43 Infection of MRC-5 Human Lung Cells	full paper	Biomolecules	2019	9		696		16 pages	doi:10.3390/biom9110696	<a href="https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6821063/">https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6821063/</a>		
cepharanthine	nelfinavir			Hirofumi Ohashi, Koichi Wataishi, Wakana Saso, Kaho Shionoya, Shoya Iwanami, Yusuke Ito, Kwang Su Kim, Kazane Nishioka, Souichi Yamada, Shuji Ando, Keisuke Ejima, Yoshiki Koizumi, Tomohiro Tanaka, Shin Aoki, Tomohiro Tanaka, Kouji Kuramochi, Tadaki Suzuki, Katsumi Maenaka, Tetsuro Matano, Masamichi Muramatsu, Masayuki Saijo, Takatsugu Hirokawa, Kazuyuki Aihara, Shingo Iwami, Makoto Takeda, Jane A. Mckeating, Takaji Wakita	Multidrug treatment with nelfinavir and cepharanthine against COVID-19		bioRxiv	2020					1				
cepharanthine	nafamostat			岡野和雄	メシル酸ナファモスタットとセファランチンの併用による小口径静脈再建後早期における抗血栓作用に関する実験的研究		岡山医学会雑誌	1992	104		107	115	9			J-Stage	<a href="https://www.istag.ejst.go.jp/article/journal/1947/104/1-2/104_1-2_107.pdf">https://www.istag.ejst.go.jp/article/journal/1947/104/1-2/104_1-2_107.pdf</a>
cepharanthine	gabexate	nafamostat		岡野和雄	蛋白分解酵素阻害剤およびマファランチンの小口径静脈再建における抗血栓作用に関する実験的研究		人工臓器	1990	19	3	1353	1356	4			J-Stage	<a href="https://www.istag.ejst.go.jp/article/journal/1972/19/3/19_3_1353/article/-">https://www.istag.ejst.go.jp/article/journal/1972/19/3/19_3_1353/article/-</a>
cepharanthine				Masao Tomita, Kazuyoshi Fujitani, and Yoshiaki Aoyagi	Synthesis of dl-Cepharanthine	communicatoin	Tetrahedron Letters	1967	13		1201	1206	6				
cepharanthine	mefloquine	selamectin		Hua-Hao Fan, Li-Qin Wang, Wen-Li Liu, Xiao-Ping An, Zhen-Dong Liu, Xiao-Qi He, Li-Hua Song, Yi-Gang Tong	Repurposing of clinically approved drugs for treatment of coronavirus disease 2019 in a 2019-novel coronavirus-related coronavirus model		Chinese Medical Journal	2020	133	9	1051	1056	6	DOI:10.1097/CMA9.00000000000000797.	<a href="https://journals.lww.com/cmj/Fulltext/2020/05050/Repurposing_of_clinically_approved_drugs_for_Rnavir">https://journals.lww.com/cmj/Fulltext/2020/05050/Repurposing_of_clinically_approved_drugs_for_Rnavir</a>	<a href="https://pubmed.ncbi.nlm.nih.gov/32149769/">https://pubmed.ncbi.nlm.nih.gov/32149769/</a>	
cepharanthine				横島 徹, 堤 修一郎, 大槻 俊治, 高市 松夫, 中島 敬秀, 赤須 通範	Cepharanthineの生体内動態に関する研究、ラットにおける吸収、分布、代謝、排泄 (Studies on Metabolic Fate of Cepharanthine Absorption, Distribution, Metabolism and Excretion in Rats)	論文	医薬品研究	1986	17	3	458	479	22			J-GLOBAL	<a href="https://jglobal.jst.go.jp/detail?JGLOBAL_ID=200902098942424967">https://jglobal.jst.go.jp/detail?JGLOBAL_ID=200902098942424967</a>

	cepharantine				安田耕太郎、茂呂光男、赤須 通範、大西明弘	Cepharanthin の第1相臨床試験 (単回および連続静脈内投与)における薬物動態	論文	臨床薬理、 Japanese Journal of Clinical and Pharmacologica l Therapy 20 (4) Dec. 1989	1989	20	4	741	749	9		J-STAGE	<a href="https://www.jstage.jst.go.jp/article/jst.go.jp/article/jscpt/1970/20/4/20_4_741/article/-char/ja/">https://www.jstage.jst.go.jp/article/jst.go.jp/article/jscpt/1970/20/4/20_4_741/article/-char/ja/</a>
	chinese herbal medicines				Fangfang Huang, Ying Li, Elaine Lai-Han Leung, Xiaohua Liu, Kaifeng Liu, Qu Wang, Yongqi Lan, Xiaoling Li, Haibing Yu, Liao Cui, Hui Luo, Lianxiang Luo	A review of therapeutic agents and Chinese herbal medicines against SARS-CoV-2 (COVID-19)	review	Pharmacological Reports	2020	158		104929		12	doi.org/10.1016/j.phrs.2020.104929		<a href="https://www.sciencedirect.com/science/article/pii/S1043661820312378?via=ihub">https://www.sciencedirect.com/science/article/pii/S1043661820312378?via=ihub</a>
No.	chloroquine	remdesivir			Manli Wang, Ruiyuan Cao, Leike Zhang, Xinglou Yang, Jia Liu, Mingyue Xu, Zhengli Shi, Zhihong Hu, Wu Zhong and Gengfu Xiao	Remdesivir and chloroquine effectively inhibit the recently emerged novel coronavirus (2019-nCoV) in vitro	Communication	Cell Research	2020	30		269	271	3	<a href="https://doi.org/10.1038/s41422-020-0262-0">https://doi.org/10.1038/s41422-020-0262-0</a>	<a href="https://pubmed.ncbi.nlm.nih.gov/31680059/">https://pubmed.ncbi.nlm.nih.gov/31680059/</a>	
	chloroquine				Satyajit Beura & Prabhakar Chetti	In-silico strategies for probing chloroquine based inhibitors against SARS-CoV-2	full paper	Journal of Biomolecular Structure and Dynamics	2020					1	DOI: 10.1080/07391102.2020.1772111	<a href="https://doi.org/10.1080/07391102.2020.1772111">https://doi.org/10.1080/07391102.2020.1772111</a>	
	chloroquine				Martin J Vincent, Eric Bergeron, Suzanne Benjannet, Bobbie R Erickson, Pierre E Rollin, Thomas G Ksiazek, Nabil G Seidah and Stuart T Nichol	Chloroquine is a potent inhibitor of SARS coronavirus infection and spread		Virology Journal	2005	2	69			10	DOI:10.1186/1743-422X-2-69	<a href="https://virology.biomedcentral.com/articles/10.1186/1743-422X-2-69">https://virology.biomedcentral.com/articles/10.1186/1743-422X-2-69</a>	
	chloroquine				Yi-Fan Wu, Ping Zhao, Xi Luo, Jin-Chao Xu, Lu Xue, Qi Zhou, Mingui Xiong, Jinhua Shen, Yong-Bo Peng, Meng-Fei Yu, Weiwei Chen, Liqun Ma and Qing-Hua Liu	Chloroquine inhibits Ca <sup>2+</sup> permeable ion channels-mediated Ca <sup>2+</sup> signaling in primary B lymphocytes	Full paper	Cell & Bioscience	2017	7	28			5	DOI:10.1186/s13578-017-0155-5	<a href="https://pubmed.ncbi.nlm.nih.gov/28546857/">https://pubmed.ncbi.nlm.nih.gov/28546857/</a>	
	chloroquine				ANDREW F. G. SLATER	Chloroquine Mechanism of Drug Action and Resistance in Plasmodium Falciparum	Review	Pharmaceutical Therapy	1993	57	2-3	203	235	33	<a href="https://www.sciencedirect.com/science/article/pii/016372588390056J">https://www.sciencedirect.com/science/article/pii/016372588390056J</a>		
	emetine	homoharringtonine	lopinavir	remdesivir	Ka-Tim Choy, Alvina Yin-Lam Wong, Prathapom Kaewpreedee, Sin Fun Sia, Dongdong Chen, Kenrie Pui Yan Hui, Daniel Ka Wing Chu, Michael Chi Wai Chan, Peter Pak-Hang Cheung, Xuhui Huang, Malik Peiris, Hui-Ling Yen	Remdesivir, lopinavir, emetine, and homoharringtonine inhibit SARS-CoV-2 replication in vitro	full paper	Antiviral Research	2020	178		104786		5	DOI: 10.1016/j.antiviral.2020.104786	<a href="https://doi.org/10.1016/j.antiviral.2020.104786">https://doi.org/10.1016/j.antiviral.2020.104786</a>	
	favipiravir				Fangyuan Shi, Zongtao Li, Lingjin Kong, Yuanchao Xie, Tao Zhang, Wenfang Xu	Synthesis and crystal structure of 6-fluoro-3-hydroxypyrazine-2-carboxamide	full paper	Drug Discoveries & Therapeutics	2014	8	3	117	120	4	DOI: 10.5582/ddt.2014.01028		
	favipiravir				古田要介	ファビピラビル: ウイルスRNA ポリメラーゼ阻害薬	review	日本化学療法学会雑誌	2017	65	5	736	744	9	<a href="http://www.chemotherapy.or.jp/detail.php?DB=ic&amp;recid=5264&amp;action=browse">http://www.chemotherapy.or.jp/detail.php?DB=ic&amp;recid=5264&amp;action=browse</a>	<a href="http://journal.chemotherapy.or.jp/detail.php?DB=ic&amp;recid=5264&amp;action=browse">http://journal.chemotherapy.or.jp/detail.php?DB=ic&amp;recid=5264&amp;action=browse</a>	
	favipiravir				古田要介	ファビピラビル(T-705) — ウイルスRNA 依存性RNA ポリメラーゼ阻害剤 —	review	日本臨床微生物学会誌	2019	29	2	58	66	9			

favipiravir	lopinavir/ritonavir			Qingxian Cai, Minghui Yang, Dongjing Liu, Jun Chen, Dan Shu, Junxia Xia, Xuejiao Liao, Yuanbo Gu, Qie Cai, Yang Yang, Chenguang Shen, Xiaohu Li, Ling Peng, Deliang Huang, Jing Zhang, Shurong Zhang, Fuxiang Wang, Jiaye Liu, Li Chen, Shuyan Chen, Zhaoqin Wang, Zheng Zhang, Ruiyuan Gao, Wu Zhong, Yingxia Liu, Lei Liu	Experimental Treatment with Favipiravir for COVID-19: An Open-Label Control Study		Engineering	2020											doi.org/10.1016/j.jeng.2020.03.007	ResearchGate	<a href="https://www.researchgate.net/publication/340000974/Experimental-Treatment-with-Favipiravir-for-COVID-19-An-Open-Label-Control-Study">https://www.researchgate.net/publication/340000974/Experimental-Treatment-with-Favipiravir-for-COVID-19-An-Open-Label-Control-Study</a>
favipiravir				Yousuke Furuta, Takashi Komeno, and Takaaki Nakamura	Favipiravir (T-705), a broad spectrum inhibitor of viral RNA polymerase	review	Proceedings of the Japan Academy, Series B, Physical and Biological Sciences	2017	93	7	449	463	15	doi: 10.2183/pjab.93.027	<a href="https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5713175/">https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5713175/</a>						
favipiravir				Leen Delang, Rana Abdelnabi, Johan Neyts	Favipiravir as a potential countermeasure against neglected and emerging RNA viruses	review	Antiviral Research	2019	153	May		85	10	doi.org/10.1016/j.antiviral.2018.03.003	<a href="https://www.sciencedirect.com/science/article/abs/pii/S0166354218300172">https://www.sciencedirect.com/science/article/abs/pii/S0166354218300172</a>						
GS-441524 (Parent drug of remdesivir)				Niels C Pedersen, Michel Perron, Michael Bannasch, Elizabeth Montgomery, Eisuke Murakami, Molly Liepnieks and Hongwei Liu	Efficacy and safety of the nucleoside analog GS-441524 for treatment of cats with naturally occurring feline infectious peritonitis	full paper	Journal of Feline Medicine and Surgery	2019	21		4	271	11	10.1177/1098612X19825701	<a href="https://journals.sagepub.com/doi/pdf/10.1177/1098612X19825701?fbclid=IwAR15ceIG3I">https://journals.sagepub.com/doi/pdf/10.1177/1098612X19825701?fbclid=IwAR15ceIG3I</a>	PubMed	<a href="https://pubmed.ncbi.nlm.nih.gov/30755068/">https://pubmed.ncbi.nlm.nih.gov/30755068/</a>				
ivermectin				Leon Caly, Julian D. Druce, Mike G. Catton, David A. Jans, Kylie M. Wagstaff	The FDA-approved drug ivermectin inhibits the replication of SARS-CoV-2 in vitro	full paper	Antiviral Research	2020	178			104787	4	DOI: org/10.1016/j.antiviral.2020.104787	<a href="https://doi.org/10.1016/j.antiviral.2020.104787">https://doi.org/10.1016/j.antiviral.2020.104787</a>						
ivermectin				Atsushi Miyajima, Takashi Hirota, Akihito Sugioke, Masao Fukuzawa, Mari Serine, Yosuke Yamamoto, Takashi Yoshimatsu, Akira Kigure, Taichi Anata, Wataru Noguchi, Keita Akaga, Masayo Komoda	Effect of high-fat meal intake on the pharmacokinetic profile of ivermectin in Japanese patients with scabies		Journal of Dermatology	2016	43			1030	7	doi: 10.1111/1346-8138.13321							
ivermectin				阿久津駿太, 赤木圭太, 山田瑞穂, 矢田目麻衣, 倉科亮太, 丸山莉穂, 福沢正男, 関根万里, 尾関理恵, 小茂田昌代	イベルメクチンの高脂肪食後投与の影響に関する研究のサブ解析—肝機能障害発症症例のリスク因子解析— (Sub analysis of the study on the effect of high fat meal intake on ivermectin - Risk factor analysis of cases with liver dysfunction -)		日本医薬品安全性学会誌	2018	4	1	28	41	14								
ivermectin				Karen L. Goa, Donna McTavish and Stephen P. Clissold	Ivermectin. A Review of Its Antifilarial Activity, Pharmacokinetic Properties and Clinical Efficacy in Onchocerciasis	review	Drugs	1991	42			640	19	doi: 10.2165/00003495-199142040-00007	<a href="https://link.springer.com/article/10.2165/00003495-199142040-00007">https://link.springer.com/article/10.2165/00003495-199142040-00007</a>	PubMed	<a href="https://pubmed.ncbi.nlm.nih.gov/1723366/">https://pubmed.ncbi.nlm.nih.gov/1723366/</a>				
ivermectin				Usha Vaidhyathanan	Review of Ivermectin in Scabies	review	Journal of Cutaneous Medicine and Surgery	2001	5	6	496	504	9	doi: 10.1177/120347540100500607	<a href="https://journals.sagepub.com/doi/abs/10.1177/120347540100500607">https://journals.sagepub.com/doi/abs/10.1177/120347540100500607</a>	PubMed	<a href="https://pubmed.ncbi.nlm.nih.gov/11907859/">https://pubmed.ncbi.nlm.nih.gov/11907859/</a>				
ivermectin				Pascal del Giudice	Ivermectin in Scabies	review	Current Opinion in Infectious Diseases	2002	15	2	123	126	4	DOI: 10.1097/00001432-200204000-00004		PubMed	<a href="https://pubmed.ncbi.nlm.nih.gov/11964911/">https://pubmed.ncbi.nlm.nih.gov/11964911/</a>				
ivermectin				Eric A. Ottesen, William Campbell	Ivermectin in human medicine	review	Journal of Antimicrobial Chemotherapy	1994	34	2	195	203	9	doi.org/10.1093/jac/34.2.195	<a href="https://doi.org/10.1093/jac/34.2.195">https://doi.org/10.1093/jac/34.2.195</a>						
ivermectin				Satoshi Ōmura & Andy Crump	The life and times of ivermectin — a success story	review	Nature Reviews Microbiology	2004	2			984	6	doi.org/10.1038/nrmicro1048	<a href="https://www.nature.com/articles/nrmicro1048">https://www.nature.com/articles/nrmicro1048</a>						

ivermectin				Virginia D. Schmith, Jie Jessie Zhou, Lauren R. L. Lohmer	The Approved Dose of Ivermectin Alone is not the Ideal Dose for the Treatment of COVID-19	full paper	Clinical Pharmacology and Therapeutics	2020							#VALUE!	DOI: 10.1002/cpt.1889		PubMed	<a href="https://ascpt.onlinelibrary.wiley.com/doi/abs/10.1002/cpt.1889">https://ascpt.onlinelibrary.wiley.com/doi/abs/10.1002/cpt.1889</a>
many drugs				Arun K.G. Sharanya C.S. Abhithaj J and Sadasivan C	Drug Repurposing to Identify Therapeutics Against COVID 19 with SARS-Cov-2 Spike Glycoprotein and Main Protease as Targets: An in Silico Study			2020							1			chemRxiv	<a href="https://chemrxiv.org/articles/Drug_Repurposing_to_Identify_Therapeutics_Against_COVID_19_with_SARS-Cov-2">https://chemrxiv.org/articles/Drug_Repurposing_to_Identify_Therapeutics_Against_COVID_19_with_SARS-Cov-2</a>
many drugs				Giuseppe Mancía, Federico Rea, Monica Ludergrani, Giovanni Apolone, and Giovanni Corrao	Renin-Angiotensin-Aldosterone System Blockers and the Risk of Covid-19		The New England Journal of Medicine	2020			1		10			DOI: 10.1056/NEJMe2006923			
mefloquine				Sue J. Lee, Feiko O. ter Kuile, Ric N. Price, Christine Luxemburger, Francois Nosten	Adverse effects of mefloquine for the treatment of uncomplicated malaria in Thailand: A pooled analysis of 19,850 individual patients	full paper	PLoS ONE	2017	12	2		0				DOI:10.1371/journal.pone.0168780	<a href="https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0168780">https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0168780</a>		
mefloquine				Ashley M Croft and Andrew Herxheime	Adverse effects of the antimalaria drug, mefloquine: due to primary liver damage with secondary thyroid involvement?	full paper	BMC Public Health	2002	2		Article No. 6					#VALUE!	DOI: 10.1186/1471-2458-2-6	<a href="http://www.biomedcentral.com/1471-2458/2/6">http://www.biomedcentral.com/1471-2458/2/6</a>	<a href="https://www.ncbi.nlm.nih.gov/pmc/articles/PMC101408/">https://www.ncbi.nlm.nih.gov/pmc/articles/PMC101408/</a>
mefloquine				W. P. Hems, W. P. Jackson, P. Nightgale, R. Bryant	Practical Asymmetric Synthesis of (+)-erythro Mefloquine Hydrochloride	full paper	Organic Process Research & Development	2012	16	3	461						DOI.org/10.1021/op200354f	<a href="https://pubs.acs.org/doi/abs/10.1021/op200354f">https://pubs.acs.org/doi/abs/10.1021/op200354f</a>	
mefloquine				F. I. Carroll and J. T. Blackwell	Optical Isomers of Aryl-2-piperidylmethanol Antimalarial Agents. Preparation, Optical Purity, and Absolute Stereochemistry	full paper	Journal of Medicinal Chemistry	1974	17	2	210		219				DOI: 10.1021/jm00248a015	<a href="https://pubs.acs.org/doi/pdf/10.1021/jm00248a015">https://pubs.acs.org/doi/pdf/10.1021/jm00248a015</a>	
mefloquine				Nina Schutzenmeister, Michael M. Iler, Uwe M. Reinscheid, Christian Griesinger, and Andrei Leonov	Trapped in Misbelief for Almost 40 Years: Selective Synthesis of the Four Stereoisomers of Mefloquine	full paper	Chemistry, A European Journal	2013	19			17584		17588			org/10.1002/chem.201303403	<a href="https://doi.org/10.1002/chem.201303403">https://doi.org/10.1002/chem.201303403</a>	
mefloquine				Jinyue Ding and Dennis G. Hall	Concise Synthesis and Antimalarial Activity of All Four Mefloquine Stereoisomers Using a Highly Enantioselective Catalytic Borylative Alkene Isomerization**	communication	Angewandte Chemie, International Edition	2013	52			8069		8073			org/10.1002/anie.201303931	<a href="https://doi.org/10.1002/anie.201303931">https://doi.org/10.1002/anie.201303931</a>	
mefloquine				Alexandra Dassonville-Klimpt, Christine Cézard, Catherine Mullié, Patrice Agnamey, Alexia Jonet, Sophie Da Nascimento, Mathieu Marchivie, Jean Guillon, and Pascal Sonnet	Absolute Configuration and Antimalarial Activity of erythro-Mefloquine Enantiomers	communication	ChemPlusChem	2013	78			642		646			org/10.1002/cplu.201300074	<a href="https://chemistry-europe.onlinelibrary.wiley.com/doi/full/10.1002/cplu.201300074">https://chemistry-europe.onlinelibrary.wiley.com/doi/full/10.1002/cplu.201300074</a>	
mefloquine				Inventors/Applicant: Andrew Douglas Baxter, Michael Christ Harris, Stuart Brown	Resolution of Mefloquine with O,O-Di-p-aryltartaric Acid		World Intellectual Property Organization	International Publication Date 11 June 2004 (17.06.2004)									International Publication Number: WO 2004/050623 A1		
mefloquine				発明者 アンドリュー ダグラス、バクスター、マイケル、クリストファー、ハリス、スチュアート、ブラウン	Resolution of Mefloquine with O,O-Di-p-aryltartaric Acid		公表特許公報(A)	公表日:平成18年5月18日									特許出願公表番号:特表2006-514938(JP 2006-514938)		
mefloquine				Solange Adams	A Straightforward and High Yielding Synthesis of Mefloquine-II		Tetrahedron	1991	47	36		7609		7614				<a href="https://www.sciencedirect.com/science/article/pii/S00404002001882843">https://www.sciencedirect.com/science/article/pii/S00404002001882843</a>	<a href="https://pubs.sciedirectassets.com/271372/1-s2.0-S00404002001882843/main.pdf?X-Amz-Date=20200629T063156Z&amp;X-Amz-Algorithm=AWS4-HMAC-SHA256&amp;X-Amz-Signature=120a8bf5e681702bdeca89d">https://pubs.sciedirectassets.com/271372/1-s2.0-S00404002001882843/main.pdf?X-Amz-Date=20200629T063156Z&amp;X-Amz-Algorithm=AWS4-HMAC-SHA256&amp;X-Amz-Signature=120a8bf5e681702bdeca89d</a>

mefloquine				竹島茂人	マラリア予防薬としてメフロキンを長期投与した際の副作用について		Japanese Journal of Tropical Medicine and Hygiene (日本熱帯医学会)	1994	22	4	185	192	8		J-Stage	<a href="https://www.jstage.jst.go.jp/article/tmb/1973/22/4/22_4_185/pdf">https://www.jstage.jst.go.jp/article/tmb/1973/22/4/22_4_185/pdf</a>
methylene blue				G. Lu M. Nagbanshi, N. Goldau, M. Mendes Jorge, P. Meissner, A. Jahn, F. P. Mockenhaupt and O. Müller	Efficacy and safety of methylene blue in the treatment of malaria: a systematic review	review	BMC Medicine	2018	16		59		16	DOI: 10.1186/s12916-018-1045-3		<a href="https://doi.org/10.1186/s12916-018-1045-3">https://doi.org/10.1186/s12916-018-1045-3</a>
nafamostat				Mizuki Yamamoto, Maki Kiso, Yuko Sakai-Tagawa, Kiyoko Iwatsuki-Horimoto, Masaki Imai, Makoto Takeda, Noriko Kinoshita, Norio Ohmagari, Jin Gohda, Kentaro Samba, Zene Matsuda, Yasuichi Kawaguchi, Yoshihiro Kawaoka, Jun-ichiro Inoue	The anticoagulant nafamostat potentially inhibits SARS-CoV-2 infection in vitro: an existing drug with multiple possible therapeutic effects	full paper								<a href="https://doi.org/10.1101/2020.04.22.054981">doi.org/10.1101/2020.04.22.054981</a>	bioRxiv	<a href="https://doi.org/10.1101/2020.04.22.054981">https://doi.org/10.1101/2020.04.22.054981</a>
nafamostat				Hidekazu Nishimura and Mutsuo Yamaya	A Synthetic Serine Protease Inhibitor, Nafamostat Mesilate, Is a Drug Potentially Applicable to the Treatment of Ebola Virus Disease	full paper	The Tohoku Journal of Experimental Medicine	2015	237		45	50	6	doi: 10.1620/tjem.237.45		<a href="https://www.jstage.jst.go.jp/article/tjem/237/1/237_45/pdf/-char/ja">https://www.jstage.jst.go.jp/article/tjem/237/1/237_45/pdf/-char/ja</a>
nafamostat				Xi Chen, Zhijie Xu, Shuangshuang Zeng, Xiang Wang, Wanli Liu, Long Qian, Jie Wei, Xue Yang, Qiyang Shen, Zhicheng Gong and Yuanliang Yan	The Molecular Aspect of Antitumor Effects of Protease Inhibitor Nafamostat Mesylate and Its Role in Potential Clinical Applications	review	frontiers in Oncology	2019	9		852		12 pages	doi: 10.3389/fonc.2019.00852/full		<a href="https://www.frontiersin.org/articles/10.3389/fonc.2019.00852/full">https://www.frontiersin.org/articles/10.3389/fonc.2019.00852/full</a>
nefinavir				Blair Jarvis & Diana Faulds	Nefinavir. A Review of Its Therapeutic Efficacy in HIV Infection	review	Drugs	1998	56	1	147	167	21	DOI: 10.2165/00003495-199856010-00013		<a href="https://pubmed.ncbi.nlm.nih.gov/9664204/">https://pubmed.ncbi.nlm.nih.gov/9664204/</a>
nefinavir				Zhijian Xu, Cheng Peng, Yulong Shi, Zhengdan Zhu, Kaijie Mu, Xiaoyu Wang, Weiliang Zhu	Nefinavir was predicted to be a potential inhibitor of 2019-nCoV main protease by an integrative approach combining homology modelling, molecular docking and binding free energy calculation	full paper							1		bioRxiv	<a href="https://doi.org/10.1101/2020.01.27.021627">https://doi.org/10.1101/2020.01.27.021627</a>
nefinavir				Vanessa Meier-Stephenson, Justin Riemer, Aru Narendran	The HIV protease inhibitor, nefinavir, as a novel therapeutic approach for the treatment of refractory pediatric leukemia	review	OncoTargets and Therapy	2017	10		2581	2593	13			<a href="https://doi.org/10.2147/OTT.S136484">https://doi.org/10.2147/OTT.S136484</a>
nefinavir				Takashi Inaba, Angela G. Birchler, Yasuki Yamada, Shoichi Sagawa, Katsuyuki Yokota, Koji Ando, and Itsuo Uchida	A Practical Synthesis of Nefinavir, an HIV-Protease Inhibitor, Using a Novel Chiral C4 Building Block: (5R,6S)-2,2-Dimethyl-5-hydroxy-1,3-dioxepan-6-ylammonium Acetate	communication	Journal of Organic Chemistry	1998	53		7582	7583	2	<a href="https://doi.org/10.1021/jo981472n">10.1021/jo981472n</a>		
nefinavir				Noha H. Salama, Edward J. Kelly, Tot Bui, Rodney, J. Y. Ho	The Impact of Pharmacologic and Genetic Knockout of P-Glycoprotein on Nefinavir Levels in the Brain and Other Tissues in Mice	full paper	Journal of Pharmaceutical Sciences	2005	94	6	1216	1225	10	org/10.1002/jps.20344		<a href="https://www.sciencedirect.com/science/article/pii/S0022354916317816">https://www.sciencedirect.com/science/article/pii/S0022354916317816</a>
nefinavir				Usman Arshad <sup>1</sup> , Henry Pertinez, Helen Box, Lee Tatham, Rajith K. R. Rajoli, Paul Curley, Megan Neary, Joanne Sharp, Neill J. Liptrott, Anthony Valentiin, Christopher	Prioritization of Anti-SARS-CoV-2 Drug Repurposing Opportunities Based on Plasma and Target Site Concentrations	full paper	Clinical Pharmacology & Therapeutics	2020					16	org/10.1002/cpt.1909		<a href="https://ascpt.onlinelibrary.wiley.com/doi/full/10.1002/cpt.1909">https://ascpt.onlinelibrary.wiley.com/doi/full/10.1002/cpt.1909</a>

