

SCOPUS: June 27, 2022

((rezafungin OR "1 [4 hydroxy N2 [[4'' (pentyloxy)[1,1':4',1'' terphenyl] 4 yl]carbonyl] 5 [2 (trimethylammonio)ethoxy]ornithine] 4 [4 hydroxy 4 (4 hydroxyphenyl)allothreonine] echinocandin B " OR "2 [[23 [1,2 dihydroxy 2 (4 hydroxyphenyl)ethyl] 2,11,15 trihydroxy 6,20 bis(1 hydroxyethyl) 16 methyl 5,8,14,19,22,25 hexaoso 9 [[4'' (pentyloxy) 1,1':4',1'' terphenyl 4 yl]carbonyl]amino]tetracosahydro 1h dipyrrolo[2,1-c:2',1'-l][1,4,7,10,13,16]hexaazacyclohenicosin 12 yl]oxy] n,n,n trimethylethanaminium " OR biafungin OR "biafungin acetate " OR "cd 101 " OR "cd101" OR "rezafungin acetate" OR "sp 3025" OR "sp3025" OR ibrexafungerp OR "15 (2 amino 2,3,3 trimethylbutoxy) 1,6a,8,10a tetrameth yl 8 (3 methyl 2 butanyl) 14 [5 (4 pyridinyl) 1h 1,2,4 triazol 1 yl] 1,6,6a,7,8,9,10,10a,10b,11,12,12a dodecahydro 2h,4h 1,4a propanophenanthro[1,2 c]pyran 7 carboxylic acid 2 hydroxy 1,2,3 propanetricarboxylate " OR "15 (2 amino 2,3,3 trimethylbutoxy) 1,6a,8,10a tetrameth yl 8 (3 methyl 2 butanyl) 14 [5 (4 pyridinyl) 1h 1,2,4 triazol 1 yl] 1,6,6a,7,8,9,10,10a,10b,11,12,12a dodecahydro 2h,4h 1,4a propanophenanthro[1,2 c]pyran7 carboxylic acid" OR "15 (2 amino 2,3,3 trimethylbutoxy) 1,6a,8,10a tetrameth yl 8 (3 methylbutan 2 yl) 14 [5 (pyridin 4 yl) 1h 1,2,4 triazol 1 yl] 1,6,6a,7,8,9,10,10a,10b,11,12,12a dodecahydro 2h,4h 1,4a propanophenanthro[1,2 c]pyran 7 carboxylic acid 2 hydroxy 1,2,3 propanetricarboxylate" OR "15 (2 amino 2,3,3 trimethylbutoxy) 1,6a,8,10a tetrameth yl 8 (3 methylbutan 2 yl) 14 [5 (pyridin 4 yl) 1h 1,2,4 triazol 1 yl] 1,6,6a,7,8,9,10,10a,10b,11,12,12a dodecahydro 2h,4h 1,4a propanophenanthro[1,2 c]pyran7 carboxylic acid" OR "2 (2 amino 2,3,3 trimethylbutoxy) 1,6a,8,10a tetramethyl 8 (3 methyl 2 butanyl) 3 [5 (4 pyridinyl) 1h 1,2,4 triazol 1 yl] 1,3,4,6,6a,7,8,9,10,10a,10b,11,12,12a tetradecahydro 2h 1,4a (methanooxymethano)chrysene 7 carboxylic acid" OR "2 (2 amino 2,3,3 trimethylbutoxy) 1,6a,8,10a tetramethyl 8 (3 methyl 2 butanyl) 3 [5 (4 pyridinyl) 1h 1,2,4 triazol 1 yl] 1,3,4,6,6a,7,8,9,10,10a,10b,11,12,12a tetradecahydro 2h 1,4a (methanooxymethano)chrysene 7 carboxylic acid 2 hydroxy 1,2,3 propanetricarboxylate" OR "2 (2 amino 2,3,3 trimethylbutoxy) 1,6a,8,10a tetramethyl 8 (3 methylbutan 2 yl) 3 [5 (pyridin 4 yl) 1h 1,2,4 triazol 1 yl] 1,3,4,6,6a,7,8,9,10,10a,10b,11,12,12a tetradecahydro 2h 1,4a (methanooxymethano)chrysene 7 carboxylic acid 2 hydroxy 1,2,3 propanetricarboxylate" OR "2 (2 amino 2,3,3 trimethylbutoxy) 1,6a,8,10a tetramethyl 8 (3 methylbutan 2 yl) 3 [5 (pyridin 4 yl) 1h 1,2,4 triazol 1 yl] 1,3,4,6,6a,7,8,9,10,10a,10b,11,12,12a tetradecahydro 2h 1,4a (methanooxymethano)chrysene 7 carboxylic acid 2 hydroxy 1,2,3 propanetricarboxylate" OR "ibrexafungerp citrate" OR "mk 3118" OR "mk3118" OR "scy 078" OR "scy 78" OR "scy078" OR "scy78" OR olorofim OR "2 (1,5 dimethyl 3 phenyl 1h pyrrol 2 yl) n [4 [4 (5 fluoro 2 pyrimidinyl) 1 piperazinyl]phenyl] 2 oxoacetamide" OR "2 (1,5 dimethyl 3 phenyl 1h pyrrol 2 yl) n [4 [4 (5 fluoropyrimidin 2 yl)piperazin 1 yl]phenyl] 2 oxoacetamide" OR "f 901318" OR "f901318" OR fosmanogepix OR " (12 amino 6 oxa 1(3),7(2) dipyrindina 2(5,3) (1,2)oxazola 4(1,4) benzenaheptaphan 11 ium 11 yl)methyl hydrogen phosphate" OR "2 amino 1 [(phosphonooxy)methyl] 3 [3 [[4 [(2 pyridinyloxy)methyl]phenyl]methyl] 5 isoxazolyl]pyridinium" OR "2 amino 1 [(phosphonooxy)methyl] 3 [3 [[4 [(pyridin 2 yloxy)methyl]phenyl]methyl] 5 isoxazolyl]pyridinium" OR " [2 amino 3 [3 [[4 (2 pyridinyloxy)methyl]phenyl]methyl] 5 isoxazolyl]pyridin 1 ium 1 yl)methyl hydrogen phosphate" OR " [2 amino 3 [3 [[4 (pyridin 2 yloxy)methyl]phenyl]methyl] 1,2 oxazol 5 yl]pyridin 1 ium 1 yl)methyl hydrogen phosphate" OR "apx 001" OR "apx001" OR "e 1211" OR "e1211" OR quilseconazole OR "2 (2,4 difluorophenyl) 1,1 difluoro 3 (1h tetrazol 1 yl) 1 [5 [4 (trifluoromethoxy)phenyl] 2 pyridinyl] 2 propanol" OR "2 (2,4 difluorophenyl) 1,1 difluoro 3 (1h tetrazol 1 yl) 1 [5 [4 (trifluoromethoxy)phenyl]pyridin 2 yl]propan 2 ol" OR "alpha (2,4 difluorophenyl) beta,beta difluoro alpha (1h tetrazol 1 ylmethyl) 5 [4 (trifluoromethoxy)phenyl] 2 pyridineethanol" OR "vt 1129" OR "vt1129" OR oteseconazole OR "1 (2,4 difluorophenyl) 2,2 difluoro 1 [(1h 1,2,3,4 tetrazol 1

yl)methyl] 2 [5 [4 (2,2,2 trifluoroethoxy)phenyl] 2 pyridinyl]ethanol" OR "1 (2,4 difluorophenyl) 2,2 difluoro
 1 [(1h 1,2,3,4 tetrazol 1 yl)methyl] 2 [5 [4 (2,2,2 trifluoroethoxy)phenyl]pyridin 2 yl]ethanol" OR "2 (2,4
 difluorophenyl) 1,1 difluoro 3 (1h 1,2,3,4 tetrazol 1 yl) 1 [5 [4 (2,2,2 trifluoroethoxy)phenyl] 2 pyridinyl] 2
 propanol" OR "2 (2,4 difluorophenyl) 1,1 difluoro 3 (1h 1,2,3,4 tetrazol 1 yl) 1 [5 [4 (2,2,2
 trifluoroethoxy)phenyl]pyridin 2 yl]propan 2 ol" OR "alpha (2,4 difluorophenyl) beta,beta difluoro alpha (1h
 tetrazol 1 ylmethyl) 5 [4 (2,2,2 trifluoroethoxy)phenyl] 2 pyridineethanol" OR "vt
 1161" OR "vt1161" OR opelconazole OR "4 [4 [4 [[5 [(1,2,4 triazol 1 yl)methyl] 5 (2,4
 difluorophenyl)tetrahydrofuran 3 yl]methoxy] 3 methylphenyl]piperazin 1 yl] n (4
 fluorophenyl)benzamide" OR "4 [4 [4 [[5 [(1h 1,2,4 triazol 1 yl)methyl] 5 (2,4
 difluorophenyl)tetrahydrofuran 3 yl]methoxy] 3 methylphenyl]piperazin 1 yl] n (4
 fluorophenyl)benzamide" OR "6(2) (2,4 difluorophenyl) n (4 fluorophenyl) 3(3) methyl 4 oxa 2(1,4)
 piperazina 8(1) [1,2,4]triazola 6(4,2) oxolana 1(1),3(1,4) dibenzenaoctaphane 1(4) carboxamide" OR "pc
 945" OR "pc945" OR "T-2307" OR "ATI-2307" OR "MGCD290" OR "VL-
 2397") AND "Candida auris"

Table S1. Basic characteristics of the articles included in this systematic review.

First author	Year of publication	Country	Agent evaluated	Type of study	Ref.
Arendrup	2018	Denmark	Manogepix	<i>In vitro</i>	32
Arendrup	2020	Denmark	Manogepix	<i>In vitro</i>	39
Arendrup	2020	Denmark	Ibrexafungerp	<i>In vitro</i>	18
Berkow	2017	USA	Ibrexafungerp	<i>In vitro</i>	15
Berkow	2018	USA	Rezafungin	<i>In vitro</i>	24
Berkow	2018	USA	Manogepix	<i>In vitro</i>	33
Ghannoum	2020	USA	Ibrexafungerp	Animal model	21
Hager	2018	USA	Manogepix/fosmanogepix	<i>In vitro</i> /animal model	34
Hager	2018	USA	Rezafungin	Animal model	30
Helleberg	2020	Denmark	Rezafungin	<i>In vitro</i>	27
Kovács	2021	Hungary	Rezafungin	<i>In vitro</i>	29
Larkin	2017	USA	Ibrexafungerp	<i>In vitro</i>	16
Lepak	2018	USA	Rezafungin	<i>In vitro</i> /animal model	25
Maphanga	2022	South Africa	Manogepix	<i>In vitro</i>	41
Pfaller	2019	USA	Manogepix	<i>In vitro</i>	37
Pfaller	2021	USA	Manogepix	<i>In vitro</i>	40
Quindós	2022	Spain	Ibrexafungerp	<i>In vitro</i>	20
Rudramurthy	2019	India	Opelconazole	<i>In vitro</i>	43
Tóth	2020	Hungary	Rezafungin	<i>In vitro</i>	28
Tóth	2019	Hungary	Rezafungin	<i>In vitro</i>	26
Wiederhold	2019	USA	VT-1598	<i>In vitro</i> /animal model	45
Wiederhold	2020	USA	ATI-2307	<i>In vitro</i> /animal model	47
Wiederhold	2021	USA	Ibrexafungerp	<i>In vitro</i> /animal model	19
Wiederhold	2019	USA	Fosmanogepix	<i>In vitro</i> /animal model	36
Zhao	2018	USA	Fosmanogepix	<i>In vitro</i> /animal model	35
Zhu	2020	USA	Manogepix	<i>In vitro</i>	38
Zhu	2020	USA	Ibrexafungerp	<i>In vitro</i>	17