

SUPPLEMENTARY MATERIAL

Supplement 1. Baseline characteristics of eligible studies.

Supplement 2. Meta-regression analysis.

Supplement 3. Quality of eligible studies.

Supplement 4. Search strategies.

Supplementary References

Supplement 1. Baseline characteristics of eligible studies.

Author, year	cl as s	Sp eci es	Strain	Sex, age, weight	Lig atio n	Repe rfusi on	Cont rol	L-to-I time (min)	R ou te	Total dose (μ l)	Foll ow- up	Imagi ng	N	EF (%)		C on .		FS (%)		C on .		IS/A AR (%)		C on .		
de Couto G, 2017 [1]	C D C	pig	Yucatan	F, adult, 80 kg	LA D	1	IMD M	2	120		48 h	ventric ulogra hy	9	56. 49	2. 31	43 .9 3	3. 3 4						51.56	6. 5 3	81 .4 9	1. 9 8
Gallet R-AMI ic, 2016 [2]	C D C	pig	Yucatan	F, adult, 80 kg	LA D	1	IMD M	2	120	10000	48 h	ventric ulogra hy	1 3	48	6	42	9						77	5	80	5
Gallet R-AMI im, 2016 [2]	C D C	pig	Yucatan	F, adult, 80 kg	LA D	1	IMD M	2	120	2000	48 h	ventric ulogra hy	1 1	51	6	42	9						61	1 2	80	5
Gallet R-CMI im, 2016 [2]	C D C	pig	Yucatan	F, adult, 80 kg	LA D	1	IMD M	2	4 w	2000	1 m	ventric ulogra hy	1 1	40	4	34	7									
Ibrahim A-AMI, 2014 [3]	C D C	mo use	SCID	M, 3 m	LA D	0	IMD M	2	0	80	4 w	echo	1 6	44	1. 57	31 .4 3	2. 2 8									
Ibrahim A-CMI, 2014 [3]	C D C	mo use	SCID	M, 3 m	LA D	0	IMD M	2	3 w	80	3 w	echo	1 2	42. 75	3. 6	25 .4 5	2. 7									
Tseliou E, 2015 [4]	C D C	rat	Wistar	F, 5-6 w	LA D	0	PBS	1	4 w	120	4 w	echo	1 4	44. 07	10 .8 2	32 .4 2	3. 4 4									
Agarwal U- neonate, 2017 [5]	C P C	rat	CrI:NIH- Foxn1rmu	250 g	LA D	1	saline	1	30	100	25 d	echo	8	73. 26	4. 76	58 .1 6	7. 4 2						45.56	7. 4 3	57 .0 5	1 2. 7
Barile L, 2014 [6]	C P C	rat	Wistar	M, 250- 300 g	LA D	0	PBS	1	60	150	5 d	echo	1 9	64. 13	2. 95	47 .0 2	3. 2 5	28	1. 3 3	20 .2 5	1. 3					
Barile L- hCPC, 2018 [7]	C P C	rat	Wistar	250-300 g	LA D	0	PBS	1	60	100	4 w	echo	2 0	81. 54	1. 61	49 .1 6	8. 9 4									
Barile L- hCPC/IR, 2018 [7]	C P C	rat	Wistar	250-300 g	LA D	1	PBS	1	30	100	4 w	echo	1 1	77. 16	2. 19	60 .3 1	3. 3 6									
Barile L- hCPC2, 2018 [7]	C P C	rat	Wistar	250-300 g	LA D	0	PBS	1	60	100	4 w	echo	1 4	68. 1	2. 06	46 .0 3	8. 2 5									

Author, year	class	Species	Strain	Sex, age, weight	Ligation	Reperfusion	Control	L-to-I time (min)	Route	Total dose (µl)	Follow-up	Imaging	N	EF (%)		Con.		FS (%)		Con.		IS/AR (%)		Con.	
Harane N, 2018 [8]	CCC	mouse	199 nude		LAD	0	PBS	1	3 w	im	40	7 w	echo	36	41.28	4.77	41.82	4.9							
Kervadec A, 2016 [9]	CCC	mouse	Rj/NMRI-Foxn1nu/Foxn1nu	M, 8 w	LAD	0	alpha-MEM	2	3 w	im	30	6 w	echo	28	2.83	0.84	2.37	0.77							
Chen C, 2018 [10]	EPC	rat	Wistar	M	LAD	0	PBS	1	0	im	100	4 w	ventriculography	19	39.34	2	31.52	2.72							
Khan M, 2015 [11]	ES	mouse	C57BL/7	M, 8-12w	LAD	0	PBS	1	0	im	20	8 w	echo	12	43.42	2.53	27.93	2.52	28.74	1.32	17.8	2.45	20.8	2.6	32.13
Adamiak M, 2017 [12]	iPSC	mouse	C57BL6/J	M, 23-29g, 11-13w	LAD	1	PBS	1	48 h	im	150	33 d	echo	21	49.66	1.46	37.62	1.67	29.92	0.66	21.68	0.78			
Arslan F, 2013 [13]	MSC	mouse	C57BL6/J	M, 10-12w, 25-30g	LCA	1	saline	1	25	iv		4 w	MRI	20	53.83	3.6	36.13	3.21				21	2.2	39	1.8
Barile L-hBMMSC, 2018 [7]	MSC	rat	Wistar	250-300g	LAD	0	PBS	1	60	im	100	4 w	echo	13	62.05	4.54	49.16	8.94							
Barile L-hBMMSC/IR, 2018 [7]	MSC	rat	Wistar	250-300g	LAD	1	PBS	1	30	im	100	4 w	echo	10	57.32	3.03	60.31	3.36							
Bian S, 2014 [14]	MSC	rat	Wistar	M, adult, 200g	LAD	0	PBS	1	30	iv	80	4 w	echo	20	55.44	7.5	48.41	6.73	25.76	3.19	21.42	2.93			
Cui X, 2017 [15]	MSC	rat	SD	M, 275-300g	LAD	1	PBS	1	35	iv	200	3 h		20								21.61	3.54	37.14	5.06
Lai R, 2010 [16]	MSC	mouse	C57BL16/J	M, 10-12w, 25-30g	LCA	1	saline	1	25	iv	200	24 h	echo	15								17	3.6	34.5	3.3
Lai R, 2010-2 [17]	MSC	mouse	C57BL16/J	M, 10-12w, 25-30g	LCA	1	saline	1	25	iv	200	24 h	echo	16								18.1	2	34.5	3.3

Author, year	class	Species	Strain	Sex, age, weight	Ligation	Reperfusion	Control		L-to-I time (min)	Route	Total dose (µl)	Follow-up	Imaging	N	EF (%)		Con.		FS (%)		Con.		IS/AR (%)		Con.		
Shao L, 2017 [18]	MSC	rat	SD	M, 260-280 g	LAD	0	PBS	1	0	im	40	7 d	echo	20	59.66	4.38	30.77	4.13	31.31	7.03	14.93	2.31					
Teng X, 2015 [19]	MSC	rat	SD	M, 250-300 g	LAD	0	PBS	1	60	im	100	4 w	echo	12	79.24	5.08	62.63	4.74									
Timmers L, 2008 [20]	MSC	mouse	BALB/c	10-12 w, 25-30 g	LCA	1	saline	1	25	iv	20	24h		18									20.16	2.91	34.69	3.16	
Wang N, 2017 [21]	MSC	mouse	C57BL/6J	M, 8 w	LAD	0	PBS	1	1	iv		4 w	echo	12	50.35	2.93	39.88	1.99	20.47	1.26	15.75	0.5					
Yu B, 2015 [22]	MSC	rat	SD	F, 2-3 m	LAD	0	saline	1	0	im	50	4 w	echo	26	47.71	3.85	35.13	1.56	20.77	1.33	14.68	0.47					
Zhao Y, 2015 [23]	MSC	rat	SD	M, 220-250 g	LAD	0	PBS	1	0	iv	200	4 w	echo	12	59.97	4.58	50.47	5.92	32.76	3.55	26.41	3.94					
Zhu J, 2017 [24]	MSC	mouse	C57BL/6, 20-25 g	M, 6-8 w	LAD	0	PBS	1	30	im	30	4 w	echo	36	38.19	17.2	20.76	5.39	18.95	3.95	11.95	2.8					

Supplement 2. Meta-regression analysis.**EF**

Variable	Coefficient	LCI	UCI	P value
class	1.137701	-1.264895	3.540297	0.339
randomization	-5.218478	-12.01666	1.579708	0.126
blinding injection	.859003	-9.458939	11.17695	0.865
blinding assessment	-1.892155	-8.400234	4.615924	0.555
quality score	-1.877796	-5.479191	1.723599	0.293
species	-4.700754	-13.83159	4.430085	0.299
ligation-to-injection time	-3.227312	-7.725924	1.2713	0.152
route	-1.139511	-5.523777	3.244754	0.597
follow up	-1.352479	-3.148747	.4437895	0.134

FS

Variable	Coefficient	LCI	UCI	P value
class	1.004528	-2.38594	4.394996	0.506
randomization	-.8295799	-9.834547	8.175387	0.834
blinding injection	-3.751959	-12.2494	4.745479	0.331
blinding assessment	-.1332895	-5.896159	5.62958	0.958
quality score	-.7855705	-4.346688	2.775547	0.618
species	-	-	-	-
ligation-to-injection time	-1.490393	-7.062023	4.081236	0.547
route	-1.877727	-4.272445	.5169902	0.106
follow up	-.1646326	-1.630776	1.30151	0.798

IS/AAR

Variable	Coefficient	LCI	UCI	P value
class	1.177793	-2.966831	5.322416	0.531
randomization	5.755156	-3.527084	15.0374	0.191
blinding injection	-.4579897	-14.26349	13.34751	0.941
blinding assessment	.3146597	-11.19345	11.82277	0.951
quality score	1.631681	-3.803592	7.066955	0.508
species	-1.439353	-13.26043	10.38172	0.786
ligation-to-injection time	-4.895186	-20.59604	10.80567	0.493
route	.487758	-5.188615	6.164131	0.848
follow up	.6046283	-1.570909	2.780166	0.540

Supplement 3. Quality of eligible studies.

Author, year	Randomization	Blinding injection	Blinding assessment	Total score
de Couto G, 2017 [1]	0	0	0	0
Gallet R-AMI ic, 2016 [2]	1	0	0	1
Gallet R-AMI im, 2016 [2]	1	0	0	1
Gallet R-CMI im, 2016 [2]	1	0	0	1
Ibrahim A-AMI, 2014 [3]	0	0	0	0
Ibrahim A-CMI, 2014 [3]	0	0	0	0
Tseliou E, 2015 [4]	1	0	0	1
Agarwal U-neonate, 2017 [5]	1	1	1	3
Barile L, 2014 [6]	0	0	0	0
Barile L-hCPC, 2018 [7]	0	0	0	0
Barile L-hCPC/IR, 2018 [7]	0	0	0	0
Barile L-hCPC2, 2018 [7]	0	0	0	0
Harane N, 2018 [8]	0	0	1	1
Kervadec A, 2016 [9]	1	0	1	2
Chen C, 2018 [10]	1	0	1	2
Khan M, 2015 [11]	0	0	0	0
Adamiak M, 2017 [12]	0	0	1	1
Arslan F, 2013 [13]	0	1	1	2
Barile L-hBMMSC, 2018 [7]	0	0	0	0
Barile L-hBMMSC/IR, 2018 [7]	0	0	0	0
Bian S, 2014 [14]	0	1	1	2
Cui X, 2017 [15]	1	0	0	1
Lai R, 2010 [16]	0	0	0	0
Lai R, 2010-2 [17]	0	0	0	0
Shao L, 2017 [18]	0	0	1	1
Teng X, 2015 [19]	0	0	0	0
Timmers L, 2008 [20]	1	0	1	2
Wang N, 2017 [21]	0	0	1	1
Yu B, 2015 [22]	0	0	0	0
Zhao Y, 2015 [23]	0	0	0	0
Zhu J, 2017 [24]	1	0	1	2

Supplement 4. Search strategies.

Search strategies were developed with references to a number of articles, especially review articles [25-29]. It's noteworthy that the nomenclature of EVs has been evolving with time. Currently, a variety of names have been adopted by the researchers of different fields around the world. On April 5, 2018, we searched the PubMed, Embase and Web of Science databases with the following strategies:

PubMed (455):

(((((vesicle OR vesicles OR microvesicle OR microvesicles OR micro-vesicle OR micro-vesicles OR nanovesicle OR nanovesicles OR nano-vesicle OR nano-vesicles OR microparticle OR microparticles OR micro-particle OR micro-particles OR exovesicle OR exovesicles OR "platelet dust" OR "platelet dusts" OR "apoptotic body" OR "apoptotic bodies" OR exosome OR exosomes OR secretome OR secretomes OR dexosome OR dexosomes OR texosome OR texosomes OR epididymosome OR epididymosomes OR tolerosome OR tolerosomes OR prostasome OR prostasomes OR ectosome OR ectosomes OR "extracellular vesicles"[MeSH Terms] OR "cell-derived microparticles"[MeSH Terms] OR "exosomes"[MeSH Terms])) AND ("myocardial infarction" OR "myocardial infarctions" OR "myocardial infarct" OR "myocardial infarcts" OR "cardiac infarction" OR "cardiac infarctions" OR "ventricular infarction" OR "ventricular infarctions" OR "myocardium infarction" OR "heart infarction" OR "heart infarctions" OR "myocardial ischemia" OR "myocardial ischemias" OR "myocardial necrosis" OR "myocardial necroses" OR "myocardial reperfusion" OR "myocardial reperfusions" OR "myocardial remodel" OR "myocardial remodeling" OR "ventricular remodeling" OR "atrial remodeling" OR "heart attack" OR "heart attacks" OR "coronary occlusion" OR "coronary occlusions" OR "coronary ligation" OR "coronary ligations" OR "myocardial infarction"[MeSH Terms] OR "myocardial ischemia"[MeSH Terms] OR "myocardial reperfusion"[MeSH Terms] OR "ventricular remodeling"[MeSH Terms] OR "atrial remodeling"[MeSH Terms] OR "coronary occlusion"[MeSH Terms])) AND (((("animal experimentation"[MeSH Terms] OR "models, animal"[MeSH Terms] OR "invertebrates"[MeSH Terms] OR "Animals"[Mesh:noexp] OR "animal population groups"[MeSH Terms] OR "chordata"[MeSH Terms:noexp] OR "chordata, nonvertebrate"[MeSH Terms] OR "vertebrates"[MeSH Terms:noexp] OR "amphibians"[MeSH Terms] OR "birds"[MeSH Terms] OR "fishes"[MeSH Terms] OR "reptiles"[MeSH Terms] OR "mammals"[MeSH Terms:noexp] OR "primates"[MeSH Terms:noexp] OR "artiodactyla"[MeSH Terms] OR "carnivora"[MeSH Terms] OR "cetacea"[MeSH Terms] OR "chiroptera"[MeSH Terms] OR "elephants"[MeSH Terms] OR "hyraxes"[MeSH Terms] OR "insectivora"[MeSH Terms] OR "lagomorpha"[MeSH Terms] OR "marsupialia"[MeSH Terms] OR "monotremata"[MeSH Terms] OR "perissodactyla"[MeSH Terms] OR "rodentia"[MeSH Terms] OR "scandentia"[MeSH Terms] OR "sirenia"[MeSH Terms] OR "xenarthra"[MeSH Terms] OR "haplorhini"[MeSH Terms:noexp] OR "strepsirhini"[MeSH Terms] OR "platyrrhini"[MeSH Terms] OR "tarsii"[MeSH Terms] OR "catarrhini"[MeSH Terms:noexp] OR "cercopithecidae"[MeSH Terms] OR "hylobatidae"[MeSH Terms] OR "hominidae"[MeSH Terms:noexp] OR "gorilla gorilla"[MeSH Terms] OR "pan paniscus"[MeSH Terms] OR "pan troglodytes"[MeSH Terms] OR "pongo pygmaeus"[MeSH Terms]) OR ((animals[tiab] OR animal[tiab] OR mice[Tiab] OR mus[Tiab] OR mouse[Tiab] OR murine[Tiab] OR woodmouse[tiab] OR rats[Tiab] OR rat[Tiab] OR murinae[Tiab] OR muridae[Tiab] OR cottonrat[tiab] OR cottonrats[tiab] OR hamster[tiab] OR hamsters[tiab] OR cricetinae[tiab] OR rodentia[Tiab] OR rodent[Tiab] OR rodents[Tiab] OR pigs[Tiab] OR pig[Tiab] OR swine[tiab] OR swines[tiab] OR piglets[tiab] OR piglet[tiab] OR boar[tiab] OR boars[tiab] OR "sus scrofa"[tiab] OR ferrets[tiab] OR ferret[tiab] OR polecat[tiab] OR polecats[tiab] OR "mustela putorius"[tiab] OR "guinea pigs"[Tiab] OR "guinea pig"[Tiab] OR cavia[Tiab] OR callithrix[Tiab] OR marmoset[Tiab] OR marmosets[Tiab] OR cebuella[Tiab] OR hapale[Tiab] OR octodon[Tiab] OR chinchilla[Tiab] OR chinchillas[Tiab] OR gerbillinae[Tiab] OR gerbil[Tiab] OR gerbils[Tiab] OR jird[Tiab] OR jirds[Tiab] OR merione[Tiab] OR meriones[Tiab] OR rabbits[Tiab] OR rabbit[Tiab] OR hares[Tiab] OR hare[Tiab] OR diptera[Tiab] OR flies[Tiab] OR fly[Tiab] OR dipteral[Tiab] OR drosophila[Tiab] OR drosophilidae[Tiab] OR cats[Tiab] OR cat[Tiab] OR carus[Tiab] OR felis[Tiab] OR nematoda[Tiab] OR nematode[Tiab] OR nematoda[Tiab] OR 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Embase (960):

#3 (960)

#1 NOT #2

#2 (402)

#1 AND [embase]/lim NOT [medline]/lim AND 'conference abstract'/it

#1 (1362)

(vesicle OR vesicles OR microvesicle OR microvesicles OR 'micro vesicle' OR 'micro vesicles' OR nanovesicle OR nanovesicles OR 'nano vesicle' OR 'nano vesicles' OR microparticle OR microparticles OR 'micro particle' OR 'micro particles' OR exovesicle OR exovesicles OR 'platelet dust' OR 'platelet dusts' OR 'apoptotic body' OR 'apoptotic bodies' OR exosome OR exosomes OR secretome OR secretomes OR dexosome OR dexosomes OR texosome OR texosomes OR epididymosome OR epididymosomes OR tolerosome OR tolerosomes OR prostasome OR prostasomes OR ectosome OR ectosomes OR 'exosomes'/exp) AND ('myocardial infarction' OR 'myocardial infarctions' OR 'myocardial infarct' OR 'myocardial infarcts' OR 'cardiac infarction' OR 'cardiac infarctions' OR 'ventricular infarction' OR 'ventricular infarctions' OR 'myocardium infarction' OR 'heart infarction' OR 'heart infarctions' OR 'myocardial ischemia' OR 'myocardial ischemias' OR 'myocardial necrosis' OR 'myocardial necroses' OR 'myocardial reperfusion' OR 'myocardial reperfusions' OR 'myocardial remodel' OR 'myocardial remodeling' OR 'ventricular remodeling' OR 'atrial remodeling' OR 'heart attack' OR 'heart attacks' OR 'coronary occlusion' OR 'coronary occlusions' OR 'coronary ligation' OR 'coronary ligations' OR 'heart infarction'/exp OR 'heart muscle ischemia'/exp OR 'heart muscle reperfusion'/exp OR 'heart ventricle remodeling'/exp OR 'coronary artery occlusion'/exp) AND ('animal experiment'/exp OR 'animal model'/exp OR 'invertebrate'/exp OR 'animal'/exp OR 'chordata'/exp OR 'invertebrate chordata'/exp OR 'vertebrate'/exp OR 'amphibian'/exp OR 'bird'/exp OR 'fish'/exp OR 'reptile'/exp OR 'mammal'/exp OR 'primate'/exp OR 'artiodactyla'/exp OR 'carnivora'/exp OR 'cetacea'/exp OR 'chiroptera'/exp OR 'elephant'/exp OR 'hyrax' OR 'insectivora'/exp OR 'lagomorpha'/exp OR 'marsupialia'/exp OR 'monotremata'/exp OR 'perissodactyla'/exp OR 'rodentia'/exp OR 'scandentia'/exp OR 'sirenia'/exp OR 'xenarthra'/exp OR 'haplorhini'/exp OR 'strepsirhini'/exp OR 'platyrrhini'/exp OR 'tarsi'/exp OR 'catarrhini'/exp OR 'cercopithecidae'/exp OR 'hylobatidae'/exp OR 'hominidae'/exp OR 'gorilla gorilla'/exp OR 'pan paniscus'/exp OR 'pan troglodyte' OR 'pongo pygmaeus'/exp OR animals OR animal OR mice OR mus OR mouse OR murine OR woodmouse OR rats OR rat OR murinae OR muridae OR cottonrat OR cottonrats OR hamster OR hamsters OR cricetinae OR rodentia OR rodent OR rodents OR pigs OR pig OR swine OR swines OR piglets OR piglet OR boar OR boars OR 'sus scrofa' OR ferrets OR ferret OR polecat OR polecats OR 'mustela putorius' OR 'guinea pigs' OR 'guinea pig' OR cavia OR callithrix OR marmoset OR marmosets OR cebuella OR hapale OR octodon OR chinchilla OR chinchillas OR gerbillinae OR gerbil OR gerbils OR jird OR jirds OR merione OR meriones OR rabbits OR rabbit OR hares OR hare OR diptera OR flies OR fly OR dipteral OR drosophila OR drosophilidae OR cats OR cat OR carus OR felis OR nematoda OR nematode OR nematodes OR sipunculida OR dogs OR dog OR canine OR canines OR canis OR sheep OR sheeps OR mouflon OR mouflons OR ovis OR goats OR goat OR capra OR capras OR rupicapra OR chamois OR haplorhini OR monkey OR monkeys OR anthropoidea OR anthropoids OR saguinus OR tamarin OR tamarins OR leontopithecus OR hominidae OR ape OR apes OR

pan OR paniscus OR 'pan paniscus' OR bonobo OR bonobos OR troglodytes OR 'pan troglodytes' OR gibbon OR gibbons OR siamang OR siamangs OR nomascus OR symphalangus OR chimpanzee OR chimpanzees OR prosimians OR 'bush baby' OR prosimian OR 'bush babies' OR galagos OR galago OR pongidae OR gorilla OR gorillas OR 'pongo pygmaeus' OR orangutans OR pygmaeus OR lemur OR lemurs OR lemuriidae OR horse OR horses OR pongo OR equus OR cow OR calf OR bull OR chicken OR chickens OR gallus OR quail OR bird OR birds OR quails OR poultry OR poultries OR fowl OR fowls OR reptile OR reptilia OR reptiles OR snakes OR snake OR lizard OR lizards OR alligator OR alligators OR crocodile OR crocodiles OR turtle OR turtles OR amphibian OR amphibians OR amphibia OR frog OR frogs OR bombina OR salientia OR toad OR toads OR 'epidalea calamita' OR salamander OR salamanders OR eel OR eels OR fish OR fishes OR pisces OR catfish OR catfishes OR siluriformes OR arius OR heteropneustes OR sheatfish OR perch OR perches OR percidae OR perca OR trout OR trouts OR char OR chars OR salvelinus OR 'fathead minnow' OR minnow OR cyprinidae OR carps OR carp OR zebrafish OR zebrafishes OR goldfish OR goldfishes OR guppy OR guppies OR chub OR chubs OR tinca OR barbels OR barbus OR pimephales OR promelas OR 'poecilia reticulata' OR mullet OR mullets OR seahorse OR seahorses OR 'mugil curema' OR 'atlantic cod' OR shark OR sharks OR catshark OR anguilla OR salmonid OR salmonids OR whitefish OR whitefishes OR salmon OR salmons OR sole OR solea OR 'sea lamprey' OR lamprey OR lampreys OR pumpkinseed OR sunfish OR sunfishes OR tilapia OR tilapias OR turbot OR turbots OR flatfish OR flatfishes OR sciuridae OR squirrel OR squirrels OR chipmunk OR chipmunks OR suslik OR susliks OR vole OR voles OR lemming OR lemmings OR muskrat OR muskrats OR lemmus OR otter OR otters OR marten OR martens OR martes OR weasel OR badger OR badgers OR ermine OR mink OR sable OR sables OR gulo OR gulos OR wolverine OR wolverines OR minks OR mustela OR llama OR llamas OR alpaca OR alpacas OR camelid OR camelids OR guanaco OR guanacos OR chiroptera OR chiropteras OR bat OR bats OR fox OR foxes OR iguana OR iguanas OR 'xenopus laevis' OR parakeet OR parakeets OR parrot OR parrots OR donkey OR donkeys OR mule OR mules OR zebra OR zebras OR shrew OR shrews OR bison OR bisons OR buffalo OR buffaloes OR deer OR deers OR bear OR bears OR panda OR pandas OR 'wild hog' OR 'wild boar' OR fitchew OR fitch OR beaver OR beavers OR jerboa OR jerboas OR capybara OR capybaras)

Web of Science (502):

TOPIC: (vesicle OR vesicles OR microvesicle OR microvesicles OR micro-vesicle OR micro-vesicles OR nanovesicle OR nanovesicles OR nano-vesicle OR nano-vesicles OR microparticle OR microparticles OR micro-particle OR micro-particles OR exovesicle OR exovesicles OR "platelet dust" OR "platelet dusts" OR "apoptotic body" OR "apoptotic bodies" OR exosome OR exosomes OR secretome OR secretomes OR dexosome OR dexosomes OR texosome OR texosomes OR epididymosome OR epididymosomes OR tolerosome OR tolerosomes OR prostasome OR prostasomes OR ectosome OR ectosomes) AND TOPIC: ("myocardial infarction" OR "myocardial infarctions" OR "myocardial infarct" OR "myocardial infarcts" OR "cardiac infarction" OR "cardiac infarctions" OR "ventricular infarction" OR "ventricular infarctions" OR "myocardium infarction" OR "heart infarction" OR "heart infarctions" OR "myocardial ischemia" OR "myocardial ischemias" OR "myocardial necrosis" OR "myocardial necroses" OR "myocardial reperfusion" OR "myocardial reperfusions" OR "myocardial remodel" OR "myocardial remodeling" OR "ventricular remodeling" OR "atrial remodeling" OR "heart attack" OR "heart attacks" OR "coronary occlusion" OR "coronary occlusions" OR "coronary ligation" OR "coronary ligations") AND TOPIC: (animals OR animal OR mice OR mus OR mouse OR murine OR woodmouse OR rats OR rat OR murinae OR muridae OR cottonrat OR cottonrats OR hamster OR hamsters OR cricetinae OR rodentia OR rodent OR rodents OR pigs OR pig OR swine OR swines OR piglets OR piglet OR boar OR boars OR "sus scrofa" OR ferrets OR ferret OR polecat OR polecats OR "mustela putorius" OR "guinea pigs" OR "guinea pig" OR cavia OR callithrix OR marmoset OR marmosets OR cebuella OR hapale OR octodon OR chinchilla OR chinchillas OR gerbillinae OR gerbil OR gerbils OR jird OR jirds OR merione OR meriones OR rabbits OR rabbit OR hares OR hare OR diptera OR flies OR fly OR dipteral OR drosophila OR drosophilidae OR cats OR cat OR carus OR felis OR nematoda OR nematode OR nematodes OR sipunculida OR dogs OR dog OR canine OR canines OR canis OR sheep OR sheeps OR mouflon OR mouflons OR ovis OR goats OR goat OR capra OR capras OR rupicapra OR chamois OR haplorhini OR monkey OR monkeys OR anthropoidea OR anthropoids OR saguinus OR tamarin OR tamarins OR leontopithecus OR hominidae OR ape OR apes OR pan OR paniscus OR "pan paniscus" OR bonobo OR bonobos OR troglodytes OR "pan troglodytes" OR gibbon OR gibbons OR siamang OR siamangs OR nomascus OR symphalangus OR chimpanzee OR chimpanzees OR prosimians OR "bush baby" OR prosimian OR "bush babies" OR galagos OR galago OR pongidae OR gorilla OR gorillas OR "pongo pygmaeus" OR orangutans OR pygmaeus OR lemur OR lemurs OR lemuriidae OR horse OR horses OR pongo OR equus OR cow OR calf OR bull OR chicken OR chickens OR gallus OR quail OR bird OR birds OR quails OR poultry OR poultries OR fowl OR fowls OR reptile OR reptilia OR reptiles OR snakes OR snake OR lizard OR lizards OR alligator OR alligators OR crocodile OR crocodiles OR turtle OR turtles OR amphibian OR amphibians OR amphibia OR frog OR frogs OR bombina OR salientia OR toad OR toads OR "epidalea calamita" OR salamander OR salamanders OR eel OR eels OR fish OR fishes OR pisces OR catfish OR catfishes OR siluriformes OR arius OR heteropneustes OR sheatfish OR perch OR perches OR percidae OR perca OR trout OR trouts OR char OR chars OR salvelinus OR "fathead minnow" OR minnow OR cyprinidae OR carps OR carp OR zebrafish OR zebrafishes OR goldfish OR goldfishes OR guppy OR guppies OR chub OR chubs OR tinca OR barbels OR barbus OR pimephales OR promelas OR "poecilia reticulata" OR mullet OR mullets OR seahorse OR seahorses OR "mugil curema" OR "atlantic cod" OR shark OR sharks OR catshark OR anguilla OR salmonid OR salmonids OR whitefish OR whitefishes OR salmon OR salmons OR sole OR solea OR "sea lamprey" OR lamprey OR lampreys OR pumpkinseed OR sunfish OR sunfishes OR tilapia OR tilapias OR

turbot OR turbot OR flatfish OR flatfishes OR sciuridae OR squirrel OR squirrels OR chipmunk OR chipmunks OR suslik OR susliks OR vole OR voles OR lemming OR lemmings OR muskrat OR muskrats OR lemmus OR otter OR otters OR marten OR martens OR martes OR weasel OR badger OR badgers OR ermine OR mink OR sable OR sables OR gulo OR gulos OR wolverine OR wolverines OR minks OR mustela OR llama OR llamas OR alpaca OR alpacas OR camelid OR camelids OR guanaco OR guanacos OR chiroptera OR chiropteras OR bat OR bats OR fox OR foxes OR iguana OR iguanas OR "xenopus laevis" OR parakeet OR parakeets OR parrot OR parrots OR donkey OR donkeys OR mule OR mules OR zebra OR zebras OR shrew OR shrews OR bison OR bisons OR buffalo OR buffaloes OR deer OR deers OR bear OR bears OR panda OR pandas OR "wild hog" OR "wild boar" OR fitchew OR fitch OR beaver OR beavers OR jerboa OR jerboas OR capybara OR capybaras)

Indexes=SCI-EXPANDED Timespan=All years

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