Ruszkowski J, Kachlik Z, Walaszek M, Storman D, Dębska-Ślizień A. Protocol for a scoping review of fecal microbiota transplantation from patients into animals. Eur J Transl Clin Med. 2023;6(1):0-0.

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Table S1. Search strategy

#1	(human microbiota-coloni* or human microbiota-associated or human f?ecal microbiota-associated or human flora-associated or (associated adj3 f?ecal flora) or (humani* adj4 (Germ-free or axenic or gnotobiot* or gnotoxenic or pseudo-germ-free or pseudogerm-free or ex-germ-free or "specific-pathogen free" or microbiota-free or microbiota deficient or microbiome deficient or microbiota-depleted or microbiome-depleted or germ-depleted))).mp.
#2	exp "germ free life"/ OR (germ-free OR axenic OR gnotobiot* OR gnotoxenic OR sterile* OR pseudo-germ-free OR pseudogerm-free OR ex-germ-free OR "specific-pathogen free" OR microbiota-free OR "microbiota deficient" OR "microbiome deficient" OR microbiota-depleted OR microbiome-depleted OR germ-depleted).mp.
#3	exp "Animal Experimentation"/ or exp "models, animal"/ or *Animals/ or exp "Animal Population Groups"/ or *Chordata/ or *Vertebrates/ or exp amphibians/ or exp Birds/ or exp Fishes/ or exp reptiles/ or *Mammals/ or *primates/ or *Eutheria/ or exp artiodactyla/ or exp Carnivora/ or exp cephalopoda/ or exp cetacea/ or exp chiroptera/ or exp elephants/ or exp hyraxes/ or exp insectivora/ or exp lagomorpha/ or exp marsupialia/ or exp monotremata/ or exp perissodactyla/ or *"Proboscidea Mammal"/ or exp rodentia/ or exp scandentia/ or exp sirenia/ or exp cingulata/ or *haplorhini/ or exp strepsirhini/ or exp platyrrhini/ or exp tarsii/ or *Catarrhini/ or exp cercopithecidae/ or exp hylobatidae/ or *hominidae/ or exp "gorilla gorilla"/ or exp "Pan paniscus"/ or exp "Pan troglodytes"/ or exp Pongo/ or (rat or rats or animal or animals or mice or "in vivo" or mouse or rabbit or rabbits or murine or pig or pigs or dog or dogs or bovine or fish or vertebrate or vertebrates or cat or cats or rodent or rodents or mammal or mammals or chicken or chickens or monkey or monkeys or sheep or canine or canines or porcine or cattle or bird or birds or hamster or hamsters or primate or primates or cow or cows or chick or horse or horses or avian or avians or calf or swine or swines or xenopus or turkeys or bear or bears or frog or frogs or zebrafish or goat or goats or equine or calves or poultry or macaque or macaques or mole or moles or ovine or lamb or lambs or fishes or diptera or amphibian or amphibians or snake or snakes or ruminant or ruminants or hen or hens or piglet or piglets or feline or felines or simian or simians or laevis or trout or trouts or teleost or teleosts or salmon or salmons or seal or seals or bull or bulls or ewe or ewes or hedgehog or hedgehogs or macaca or macacas or proteus or pigeon or pigeons or bat or bats or duck or ducks or chimpanzee or chimpanzees or baboon or baboons or deer or rana or ranas or carp or carps or heifer or swallow or swallows or lizard or lizards or canis or sow or sows or cynomolgus or quail or quails or reptile or reptiles or turtle or turtles or buffalo or gerbil or gerbils or boar or boars or squirrel or squirrels or oncorhynchus or mus or toad or toads or fowl or fowls or rerio or danio or ara or aras or musculus or tadpole or tadpoles or mulatta or salmo or ram or eagle or eagles or ferret or ferrets or goldfish or catfish or whale or whales or fox or foxes or ape or apes or elephant or elephants or bos or marmoset or marmosets or cod or cods or shark or sharks or wolf or eel or eels or auratus or rattus or zebra or zebras or tilapia or tilapias or gilt or camel or camels or squid or gallus or marsupial or marsupials or vole or voles or fascicularis or ovis or salmonid or salmonids or tiger or tigers or dolphin or dolphins or robin or robins or carpio or opossum or opossums or cyprinus or salamander or salamanders or felis or mink or minks or swan or swans or norvegicus or bufo or torpedo or bass or lamprey or lampreys or sus or python or pythons or tetrapod or tetrapods or shrew or shrews or lion or lions or hog or hogs or songbird or songbirds or oreochromis or starling or starlings or caprine or carassius or owl or owls or newt or newts or papio or scrofa or hare or hares or gorilla or gorillas or flounder or flounders or goose or herring or herrings or therian or buffaloes or canary or sparrow or sparrows or microtus or octopus or troglodytes or tuna or amphibia or chinchilla or chinchillas or ide or oryzias or cervus or kangaroo or kangaroos or armadillo or armadillos or callithrix or "pan troglodytes" or saimiri or cichlid or cichlids or donkey or donkeys or bream or char or chars or finch or raccoon or raccoons or bothrops or anguilla or perch or cricetus or seabird or seabirds or buck or bucks or naja or coturnix or salmonids or geese or minnow or minnows

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#3	or raptor or raptors or merione or meriones or rodentia or elaphus or amniote or amniotes or elasmobranch or emu or emus or peromyscus or hominid or hominids or bubalus or crotalus or gull or gulls or anas or anura or lemur or lemurs or crow or crows or camelus or gibbon or gibbons or waterfowl or parrot or parrots or eels or cob or stickleback or sticklebacks or columba or mesocricetus or ambystoma or raven or ravens or gadus or penguin or penguins or orangutan or orangutans or sturgeon or sturgeons or cuniculus or aves or virginianus or cephalopod or cephalopods or cebus or sparus or tortoise or tortoises or guttata or morhua or unguiculatus or dogfish or vulpes or mallard or mallards or apodemus or alligator or alligators or oryctolagus or llama or llamas or reindeer or mustela or duckling or ducklings or wolves or sander or amazona or zebu or badger or badgers or dove or doves or ictalurus or capra or capras or equus or camelid or camelids or poecilia or mule or mules or perciformes or salvelinus or labrax or cyprinidae or ariidae or crocodile or crocodiles or fundulus or dicentrarchus or clarias or cercopithecus or chiroptera or alpaca or alpacas or pike or pikes or paralichthys or puma or pumas or didelphis or pisces or macropus or triturus or bison or bisons or epinephelus or gasterosteus or panthera or acipenser or mackerel or mackerels or tamarin or tamarins or ostrich or anolis or vervet or vervets or wallaby or glareolus or beaver or beavers or dromedary or catus or killifish or pimephales or promelas or aotus or phoca or panda or pandas or porpoise or porpoises or myotis or yak or yaks or agkistrodon or vipera or otter or otters or turbot or turbots or squamate or carnivora or mullet or mullets or hawk or hawks or taeniopygia or seahorse or seahorses or "poecilia reticulata" or falcon or falcons or prosimian or prosimians or parus or perca or fingerling or fingerlings or antelope or antelopes or tupaia or passeriformes or sepia or saguinus or coyote or coyotes or pongo or meleagris or reptilia or lepus or psittacine or hagfish or warbler or warblers or "russell's viper" or "russell's vipers" or smolt or smolts or budgerigar or sardine or sardines or cavia or cavias or hyla or pleurodeles or siluriformes or "great tit" or "great tits" or guppy or bonobo or bonobos or rutilus or trichosurus or muridae or phodopus or channa or squalus or lynx or sturnus or petromyzon or vitulina or monodelphis or cuttlefish or adder or adders or lepomis or canaria or gambusia or guppies or xiphophorus or flatfish or koala or koalas or labeo or stingray or stingrays or chelonia or lampetra or spermophilus or crocodilian or "passer domesticus" or sciurus or artiodactyla or ranidae or corvus or necturus or platypus or canaries or bovid or lagopus or trimeresurus or gariepinus or marten or martens or drosophilidae or mugil or sunfish or porcellus or cypriniformes or alouatta or scophthalmus or anser or electrophorus or putorius or iguana or iguanas or lama or lamas or takifugu or circus or eptesicus or flycatcher or galago or galagos or trachemys or lungfish or characiformes or shorebird or shorebirds or giraffe or giraffes or micropterus or scyliorhinus or cichlidae or loligo or porcupine or porcupines or chub or chubs or solea or pleuronectes or hylidae or viperidae or echis or sorex or anchovy or lagomorph or ostriches or vulture or vultures or whitefish or araneus or jird or jirds or tern or esox or drake or drakes or elapidae or gallopavo or chordata or myodes or caretta or serinus or grouse or misgurnus or meles or blackbird or blackbirds or coregonus or bobwhite or bobwhites or heteropneustes or mammoth or mammoths or turdus or rhinella or ateles or characidae or clupea or bungarus or brill or "struthio camelus" or sloth or sloths or pteropus or sculpin or anthropoids or pollock or pollocks or morone or "pan paniscus" or litoria or chipmunk or chipmunks or balaenoptera or marmota or melopsittacus or hyrax or lemming or lemmings or halibut or hylobates or lates or caiman or caimans or sigmodon or stenella or barbel or barbels or sterna or parakeet or parakeets or phocoena or leptodactylus or canidae or buteo or harengus or gopher or gophers or marmot or marmots or gosling or goslings or platichthys or gar or gars or sebastes or marsupialia or notophthalmus or gazelle or gazelles or insectivora or paridae or felidae or russula or galliformes or bombina or colobus or echidna or echidnas or seabass or syncerus or plaice or "blue tit" or "blue tits" or pagrus or catfishes or cetacea or barbus or cygnus or ficedula or chamois or colubridae or perches or coelacanth or fitch or urodela or cynops or martes or halichoerus or aix or salmonidae or leuciscus or magpie or magpies or silurus or whiting or whitings or anseriformes or colinus or rhea or chlorocebus or octodon or acinonyx or mouflon or mouflons or ibex or tetraodon or bufonidae or equidae or jackal or cephalopoda or dendroaspis or glama or muskrat or muskrats or sable or sables or wildebeest or streptopelia or albifrons or vespertilionidae or woodpecker or woodpeckers or muntjac or muntjacs or archosaur or branta or cricetulus or megalobrama or poeciliidae or desmodus or snakehead or snakeheads or tench or teal or teals or bandicoot or bandicoots or apteronotus

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#3	or phyllostomidae or crocidura or buzzard or buzzards or larimichthys or cercocebus or pipistrellus or erithacus or impala or impalas or rousettus or haddock or haddocks or tinca or ratite or calidris or cynoglossus or hypophthalmichthys or bullock or bullocks or dromedaries or alectoris or filly or salamandra or cingulata or bitis or grus or ammodytes or macaw or macaws or hypoleuca or sapajus or cyprinodontiformes or hippopotamus or pelophylax or capybara or capybaras or weasel or weasels or cairina or cynomys or lutra or cockatoo or cockatoos or lachesis or lagomorpha or rupicapra or daboia or orangutan or orangutans or platyrrhini or charadriiformes or micrurus or psittaciformes or spalax or loris or mustelidae or sylvilagus or vitticeps or cockatiel or mustelus or cottus or erythrocebus or dipodomys or platessa or callicebus or loricariidae or catostomus or cuneata or cyanistes or cyprinodon or sigmodontinae or elasmobranchii or trichechus or sauropsid or xenarthra or dormouse or perissodactyla or nautilus or cirrhinus or gulo or tragelaphus or merula or numida or sciaenidae or cerastes or sciuridae or gibbosus or octopuses or eland or elands or phyllomedusa or pogona or walrus or agamidae or leptodactylidae or ridibundus or leontopithecus or anteater or anteaters or pelodiscus or cebidae or columbianus or "pelteobagrus fulvidraco" or hominoidea or mandrillus or "zonotrichia leucophrys" or agama or gobiocypris or "bearded dragon" or "bearded dragons" or sarotherodon or talpa or discoglossus or hagfishes or sphenodon or gudgeon or amphiuma or aythya or tenrec or tenrec or hominidae or risoria or salamandridae or camelidae or columbiformes or latimeria or plover or plovers or afrotheria or "falco sparverius" or polecat or polecats or crotalinae or salvadora or tarsier or lucioperca or anchovies or lungfishes or terrapin or "dromaius novaehollandiae" or lateolabrax or eigenmannia or pelamis or theropithecus or murinae or gander or gymnotus or pseudacris or gymnophiona or gymnotiformes or laticauda or falconiformes or dugong or dugongs or pintail or pintails or rook or rooks or lasiurus or catshark or catsharks or micropogonias or "red junglefowl" or paddlefish or ophiophagus or hollandicus or nymphicus or pimelodidae or aepyceros or cobitidae or strigiformes or cobitis or dormice or alytes or calloselasma or guanaco or phasianidae or "round goby" or trichogaster or catarrhini or eelpout or eelpouts or galaxias or gaur or pungitius or suslik or susliks or flatfishes or percidae or caprinae or todarodes or osmerus or ameiurus or anthropoidea or "castor canadensis" or pouting or poutings or tetraodontiformes or arvicolinae or siamang or siamangs or "castor fiber" or nomascus or "red knot" or "red knots" or syngnathidae or iguanidae or eretmochelys or ursidae or callimico or columbidae or microhylidae or anaxyrus or menidia or pipistrelle or greylag or pipidae or scandentia or bowfin or bowfins or dendrobatidae or zenaida or bushbaby or harrier or harriers or macropodidae or pygerythrus or clupeidae or odorrana or corvidae or jerboa or jerboas or canutus or hylobatidae or clupeiformes or "great cormorant" or "great cormorants" or "scorpae niformes" or chondrostean or garfish or proboscidea or psetta or diapsid or serotinus or tetrao or walruses or carcharhiniformes or leucoraja or pumpkinseed or dosidicus or "acipen seriformes" or daubentonii or emberizidae or gadiformes or hyraxes or stizostedion or wolverine or wolverines or lissotriton or acanthurus or centrarchidae or gloydius or laurasiatheria or limosa or psittacula or leporidae or proteidae or zander or zanders or arapaima or bagridae or cyprinodontidae or mithun or pandion or jackdaw or jackdaws or procyonidae or carus or jaculus or salmoniformes or "common sole" or "common soles" or protobothrops or calamita or brachyteles or trionyx or turdidae or boidae or luscinia or pugnax or euarchontoglires or saithe or saithes or symphalangus or aardvark or aardvarks or oystercatcher or oystercatchers or arius or corydoras or poacher or poachers or aurochs or cebuella or crecca or lemuridae or sirenia or lemmus or perdix or glires or lepidosaur or muskox or deinagkistrodon or pholidota or holocephali or cercopithecinae or clariidae or agapornis or doryteuthis or tyrannidae or dicroglossidae or godwit or godwits or monedula or pongidae or atheriniformes or colobinae or lophocebus or atelidae or cottidae or leucopsis or acanthuridae or didelphimorphia or elver or elvers or lapponica or dermoptera or "european hake" or "european hakes" or gerbillinae or banteng or hartebeest or hartebeests or hogget or haematopus or "anguis fragilis" or "grey heron" or "grey herons" or "blue whiting" or "blue whitings" or furnariidae or macrovipera or esocidae or lapwing or lapwings or "mylopharyn godon" or wallabia or beloniformes or potoroo or potoroos or "athene noctua" or pleuronectidae or bushbabies or muscicapidae or alligatoridae or fuligula or "bush baby" or guineafowl or spoonbill or spoonbills or viverridae or catostomidae or zebrafishes or ibexes or vendace or estrildidae or monotremata or sepiella or ambystomatidae or shelduck or shelducks or treeshrew or treeshrews or hoplobatrachus or pochard or hoolock or hoolocks or lynxes or antilope or antilopes or blackbuck or blackbucks or cricetinae or paramisgurnus

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#3	or "sky lark" or skylarks or soleidae or allobates or "northern wheatear" or "northern wheatears" or pitheciidae or takin or theria or vanellus or galaxiidae or lorisidae or ostralegus or palaeognathae or "stone loach" or alauda or callitrichinae or caniformia or duttaphrynus or ictaluridae or osteoglossiformes or poultries or curema or "ruddy turnstone" or "ruddy turnstones" or sheatfish or sunfishes or centropomidae or hemachatus or platalea or thamnophilidae or "song thrush" or atherinopsidae or siluridae or tadorna or chroicocephalus or ermine or ermines or gavialis or ruff or tupaiidae or diprotodontia or hyaenidae or antilopinae or crocodylidae or herpestidae or hippopotamidae or "northern shoveler" or "round gobies" or cheirogaleidae or indriidae or fundulidae or pythonidae or rhynchocephalia or anodorhynchus or "red-backed shrike" or "red-backed shrikes" or triakidae or phalangeridae or aoudad or boreoeutheria or "eurasian jay" or "eurasian jays" or feliformia or haplorhini or osteoglossidae or paenungulata or struthioniformes or ferina or sanderling or sanderlings or spheniscidae or cuttlefishes or cygnet or dasycneme or gadwall or gadwalls or "pelobates fuscus" or wryneck or wrynecks or afrosoricida or culaea or "dover sole" or "dover soles" or paralichthyidae or passeridae or "osteola emus" or "song thrushes" or bluethroat or bluethroats or hydrophiidae or megrim or mephitidae or strepsirhini or tomistoma or epidalea or osmeriformes or "bush babies" or tarsiiform or atelinae or bufotes or "eurasian coot" or "eurasian coots" or galagidae or geopelia or philomachus or tubulidentata or bombinatoridae or pelobatidae or tachysurus or ailuridae or woodlark or woodlarks or alcelaphinae or redshank or redshanks or salientia or "sand smelt" or "sand smelts" or woodmice or woodmouse or dasyproctidae or "eurasian wigeon" or "eurasian wigeons" or garganey or garganeys or "lemon sole" or "lemon soles" or "common dab" or "common dabs" or graylag or graylags or leucorodia or osphronemidae or bewickii or "common moorhen" or "common moorhens" or decapodiformes or gobbler or gobblers or odontophoridae or paddlefishes or eutheria or salmonine or esociformes or "eurasian woodcock" or "eurasian woodcocks" or "european smelt" or "european smelts" or goldfishes or tenches or tyranni or "common chaffinch" or "common chaffinchs" or "common redstart" or "common redstarts" or "common roach" or "common roachs" or "great knot" or "great knot s" or potoroidae or alytidae or coregonine or dipteral or leveret or "poeciliopsis gracilis" or amphiumidae or batrachoidiformes or "bighead goby" or heteropneustidae or lullula or "norway pout" or "norway pouts" or sipunculida or dogfishes or sebastidae or tarsiidae or alethinophidia or "common nase" or "common nases" or "common sandpiper" or "common sandpipers" or "eurasian blackcap" or "eurasian blackcaps" or pterocnemia or syngnathiformes or "common chaffinches" or eupleridae or octopodiformes or phascolarctidae or scophthalmidae or "starry smooth-hound" or "starry smooth-hounds" or whitefishes or cuniculidae or "european sprat" or "european sprats" or "rosy bitterling" or "rosy bitterlings" or "common dace" or "common daces" or "lesser weever" or "lesser weevers" or scaldfish or "water rail" or "water rails" or alouattinae or centrarchiformes or "common whitethroat" or "common whitethroats" or gavialidae or "grey gurnard" or "grey gurnards" or lateolabracidae or rheiformes or "tub gurnard" or "tub gurnards" or "common chiffchaff" or "common chiffchaffs" or garfishes or "lesser whitethroat" or "lesser whitethroats" or myoxidae or seabasses or spariformes or umbridae or "yellow boxfish" or anabantiformes or aotidae or "common bleak" or "common bleaks" or "common rudd" or "common rudds" or "greater pipefish" or hapale or nandiniidae or "stone loaches" or whinchat or whinchats or acanthuriformes or "brotula barbata" or "common ling" or "common lings" or "common roaches" or cottonrat or cottonrats or douroucoulis or dromaiidae or fitches or fitchew or galaxiiformes or laprine or saimiriinae or solenette or tarsii or "tompot blenny" or "common dragonet" or "common dragonets" or "longspined bullhead" or "longspined bullheads" or monotremate or monotremates or pempheriformes or perdicinae or presbytini or smegmamorpha or "bighead gobies" or "carangaria incertae sedis" or coiidae or "fivebeard rockling" or foulmart or foumart or grasskeet or "greater pipefishes" or ibices or millionfish or muguliformes or "norwegian topknot" or peewit or "red sea sailfin tang" or rupicapras or sheatfishes or "tompot blennies" or "twait shad" or "yellow boxfishes").tw.
#4	exp Persons/ or (person$1 or patien* or outpatien* or child* or infant* or people* or human* or men or wom?n or volunteer* or participant* or subject$1).mp.
#5	exp "Fecal Microbiota Transplantation"/ or (FMT or ((microbi* or microflora or stool or f?ecal or f?eces) and (transfer* or transplant*)) or ((f?ecal or flora or f?eces or microbi*) adj2 reconstitution) or (donor →

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#5	f?eces or donor f?ecal or donor stool) or f?ecal fluid or ((colonization or coloni?ed or inoculation or inoculated) adj3 (microbi* or f?ecal or stool or f?eces)) or ((microbi* or microflora) adj2 inoculation) or (fed adj3 (with stool or with f?eces)) or "conventionali?ed with" or ((gut or colon or anal) adj4 muco?s* adj4 biofilm*) or (coloni* adj3 (germ-free or axenic or gnotobiot* or gnotoxenic or sterile* or pseudo-germ-free or pseudogerm-free or ex-germ-free or "specific-pathogen free" or microbiota-free or "microbiota deficient" or "microbiome deficient" or microbiota-depleted or microbiome-depleted or germ-depleted) adj4 (with adj2 (bacteria or microbiota or microflora)))).ti,ab.
#6	1 OR ((2 or 3) and 4 and 5)

Table S2. Data extraction instrument

Data extraction	
1. Bibliometric data	
Mode of identification	• literature search, • Citation Chaser, • other (please specify): …
Title	
First author's name	
First author's country	
Corresponding author's name	
Corresponding author's country	
Journal name	
DOI	
Conflict of interest	• No information provided, • Disclosed: No conflicts of interests, • Disclosed: Industry-related conflict of interest, • Disclosed: Non-industry-related conflict of interest, • other (please specify): …
Funding (classified according to doi.org/10.1161/JAHA.120.019513)	□ Publicly Funded, □ Funded by a Professional Society, □ Company Sponsored, □ No Extramural Funding, □ No information provided, □ Other (please specify): …
2. Characteristic of FMT donors	
Disease/phenotypic trait	
How was the disease recognized?	• according to the diagnostic criteria, • patient self-assessment, • not reported, • other (please specify): …
Category	• cardiovascular system, • digestive system, • endocrine system and metabolic diseases, • integumentary system (skin, hair, etc.), • immune and lymphatic system, • musculoskeletal system, • nervous system, • reproductive system, • respiratory system, • urinary system, • other (please specify): …

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Medications used by donors	• Reported (known both active ingredients and excipients), • Reported (known only active ingredients), • Reported only class names (e.g. beta-blockers), • Not reported, • other (please specify): …
Number of donors with disease	
Number of donors without disease If there was a lack of control group, type "None"	• literature search, • Citation Chaser,
Sex of donor	• male, • female, • both, • not reported
Age of donor: mean or median If both mean and median is reported, choose mean.	
Exclusion criteria	□ smoking, □ specific diet, □ prior usage of antibiotics, □ prior usage of probiotics, □ an invasive medical intervention within the past, □ IBS, □ IBD, □ Diabetes, □ other (please specify): …
Any additional details on donors that can be important for the scoping review	
3. Characteristic of FMT recipients	
Species	□ mouse, □ rat, □ pig, □ other (please specify): …
Strain	□ C57BL/6, □ BALB/c, □ Swiss Webster, □ Sprague-Dawley, □ Wistar, □ other (please specify): …
Sex	• male, • female, • both, not reported
Age of animal at first FMT [weeks]	
Number of animals treated with FMT	
Number of animals treated with control	
Microbiological status of animals (before experiment) According to https://research.fiu.edu/documents/facilities/acf/documents/microbiological-status--animals.pdf 1. Axenic (germ-free): hysterectomy-derived animal which are free of all adventitious organisms, and have the cleanest health status for laboratory animals. Colonies of Axenic animals are produced in multiple flexible-film isolators that are maintained using strict germ-free techniques. 2. Gnotobiotic: hysterectomy-derived animals that have been reared and maintained in an isolator by germ-free techniques, and that have one or more associated nonpathogenic agents, all of which are known. It includes animals with Defined Flora (DF): These animals are intentionally exposed to a specific set of bacterias (e.g. the Altered Schaedler Flora). 3. Specific Pathogen Free (barrier maintained): an animal free of a specified list of pathogens. 4. Conventional: animals whose microbial burden is not known and not controlled	□ Germ-free (axenic) animal, □ Gnotobiotic animal, □ Specific pathogen-free (SPF) animal, □ Conventional animal (non-modified microbiota), □ other (please specify):

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Preparation of animals	□ Antibiotic depletion, □ Laxative depletion, □ None, □ Other (please specify): …
Used antibiotic	□ None, □ Ampicillin, □ Ciprofloxacin, □ Gentamicin, □ Kanamycin, □ Imipenem, □ Metronidazole, □ Neomycin, □ Streptomycin, □ Vancomycin, □ Other (please specify): …
Duration of antibiotic treatment [weeks]	• less than one, • at least 1 week but less than 2 weeks, • 2, • 3, • 4, • 5, • Other
Validity of antibiotic usage	
Number of animals per cage	□ 1, □ 2 and more, □ Not reported
Any additional details on animals that can be important for the scoping review	
4. FMT characteristics	
Source If not specified, let's assume that stool was collected during normal defecation	• Human feces (normal defecation), • Human feces (after stimulation with laxatives), • Material obtained directly from a specific region of intestines during colonoscopy, • Other (please specify): …
Immediate storage conditions	□ kept at ambient temperature, □ kept in a refrigerator, □ kept on ice, □stored in a specific medium, □snap frozen in liquid nitrogen, □ Not reported, □ Other (please specify): …
Material used in processing	□ Fresh samples, □ Frozen samples, □ Other (please specify): …
Vehicle solution	• Phosphate-buffered saline (PBS), • PBS with glycerol, • PBS with cysteine hydrochloride, • Degassed/anaerobic/prereduced PBS, • Normal saline (0.9% NaCl), • Water, • Not reported, • Other (please specify): …
Homogenization	□ Vortex, □ Stomacher, □ Spoon/spatula, □ Hand-operated motor-driven grinders (e.g. pellet pestle), □ Not reported, □ Other (please specify): …
Filtration method	□ Centrifugation, □ Membrane filtration, □ Gravity, □ Not reported, □ Other (please specify): …
Storage of prepared FMT	• Fresh samples, • Refrigerated samples, • Frozen samples, • Not reported, • Other (please specify): …
Administration route	• Oral gavage, • Directly to the colon, • Other (please specify): …
Final concentration Provide number and unit (e.g. 150 mg/mL). If not reported, type "Not reported".	
Volume (per one FMT administration) Provide number and unit (e.g. 150 µL). If not reported, type "Not reported".	
Pooling	• At least two samples from one donor were pooled, • Samples from at least two donors were pooled, • No pooling (each recipient received material from one donor defecation), • Other (please specify): …

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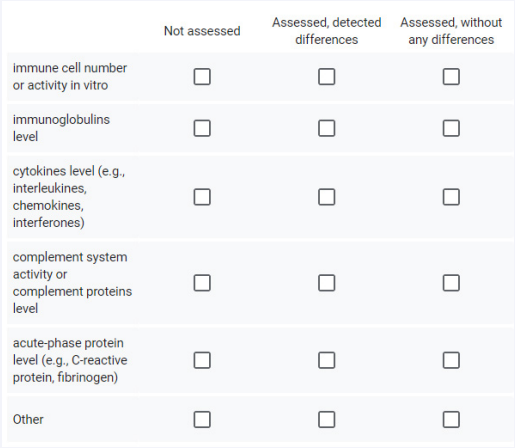
Frequency of FMT	• Singularly, • Daily (once a day), • Several times per week, • Weekly, • Not reported, • Other (please specify): …
Duration of FMT administration (weeks)	• Singularly, • 1, • 2-4, • 5-6, • 7-10, • Other (please specify): …
Time of outcomes evaluation (weeks after the first dose)	
Time of outcomes evaluation (age of animal in weeks)	
Confirmation of uptake of donor microbiota profile in animal	□ Performed, based on 16S rRNA sequencing, □ Performed, shotgun sequencing, □ Not performed, □Other (please specify): …
Control intervention	□ vehicle solution, □ autologous transplant, □ heat-killed FMT, □ FMT from control donor group, □ Lack of control group, □ Other (please specify): …
Any additional details on FMT/control that can be important for the scoping review (e.g. references to studies supporting chosen methods)	
5. Assessed outcomes	
Cardiovascular system outcomes Details: see Table S2 in Supplementary Materials from 10.1016/j.kint.2021.10.025] Subcategories legend: 1. Arterial pressure = systolic arterial pressure, mean arterial pressure, etc. 2. Pathophysiological cardiac changes = cardiac hypertrophy, cardiac fibrosis, cardiac inflammation/oxidative stress biomarkers, etc. 3. Cardiac function = systolic or diastolic function: ejection fraction, LV end-diastolic volume, etc. Note: If at least one outcome in the subcategory was significantly different, choose "Assessed, detected differences"	
Other cardiovascular system outcomes: If you chose "Assessed (...)" above, list all other outcomes.	
Immune outcomes (assessed in blood, spleen, thymus) Note: If at least one outcome in the subcategory was significantly different, choose "Assessed, detected differences"	

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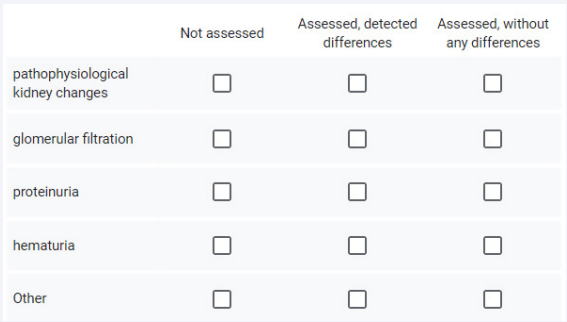
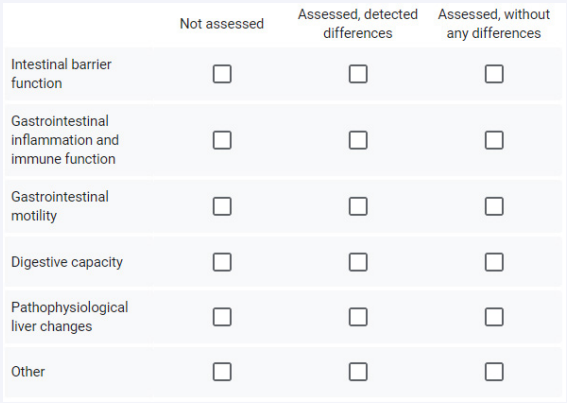
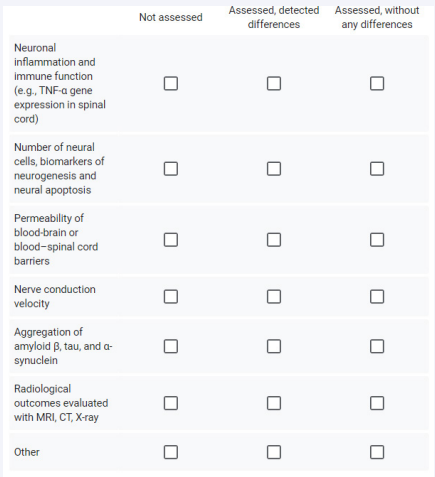
Other immune outcomes: If you chose "Assessed (...)" above, list all other outcomes.	
Urinary and kidney outcomes Note: If at least one outcome in the subcategory was significantly different, choose "Assessed, detected differences" Legend: 1. Pathophysiological kidney changes = any changes detected in histological examination/immunostaining, etc. of kidney sections, e.g. accumulation of mesangial matrix, cytokine expression 2. Glomerular filtration: GFR, creatinine, cystatin C, etc. 3. Proteinuria: proteinuria, albuminuria, urinary albumin to creatinine ratio, etc. 4. Hematuria: number of red blood cells per urine volume	
Other urinary/kidney outcomes: If you chose "Assessed (...)" above, list all other outcomes	
Gastrointestinal outcomes Note: If at least one outcome in the subcategory was significantly different, choose "Assessed, detected differences" Legend: 1. Intestinal barrier function (e.g. lactulose/rhamnose test, tight junction proteins); 2. Gastrointestinal inflammation and immune function (e.g. calprotectin fecal level, immune cells infiltration of the epithelium of the small intestine); 3. Gastrointestinal motility (e.g. whole gut transit time, contractile activity in isolated segments of the colon); 4. Digestive capacity 5. Pathophysiological liver changes = histological markers of liver fibrosis, steatosis, inflammation, etc. or activity of aspartate aminotransferase (AST), alanine aminotransferase (ALT), etc. in blood	
Other gastrointestinal outcomes: If you chose "Assessed (...)" above, list all other outcomes	
Neurological and behavioral outcomes Note: If at least one outcome in the subcategory was significantly different, choose "Assessed, detected differences" Legend: 1. Neuronal inflammation and immune function (e.g. TNF-α gene expression in the spinal cord, interleukins, microglial activation markers); 2. Number of neural cells, biomarkers of neurogenesis and neural apoptosis; 3. Permeability of blood-brain or blood–spinal cord barriers; 4. Nerve conduction velocity; 5. Aggregation of amyloid β, tau, and α-synuclein; 6. Radiological outcomes evaluated with MRI, CT, X-ray.	



	Not assessed	Assessed, detected differences	Assessed, without any differences
pathophysiological kidney changes	☐	☐	☐
glomerular filtration	☐	☐	☐
proteinuria	☐	☐	☐
hematuria	☐	☐	☐
Other	☐	☐	☐



	Not assessed	Assessed, detected differences	Assessed, without any differences
Intestinal barrier function	☐	☐	☐
Gastrointestinal inflammation and immune function	☐	☐	☐
Gastrointestinal motility	☐	☐	☐
Digestive capacity	☐	☐	☐
Pathophysiological liver changes	☐	☐	☐
Other	☐	☐	☐



	Not assessed	Assessed, detected differences	Assessed, without any differences
Neuronal inflammation and immune function (e.g., TNF-α gene expression in spinal cord)	☐	☐	☐
Number of neural cells, biomarkers of neurogenesis and neural apoptosis	☐	☐	☐
Permeability of blood-brain or blood–spinal cord barriers	☐	☐	☐
Nerve conduction velocity	☐	☐	☐
Aggregation of amyloid β, tau, and α-synuclein	☐	☐	☐
Radiological outcomes evaluated with MRI, CT, X-ray	☐	☐	☐
Other	☐	☐	☐

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Other neurological outcomes: If you chose "Assessed (...)" above, list all other outcomes	
Behavioral outcomes Note: If at least one outcome in the subcategory was significantly different, choose "Assessed, detected differences" Legend: 1. Learning and memory tests (e.g. morris water maze, T maze, or radial arm maze (RAM)); 2. Social behavior tests (e.g. sociability) ; 3. Emotionality tests (e.g. forced swim, tail suspension). 4. Pain Tests (e.g. behavioral responses after the application of heat, cold, mechanical, or electrical stimuli etc.)	
Other behavioral outcomes: If you chose "Assessed (...)" above, list all other outcomes.	
Cancer-related outcomes Note: If at least one outcome in the subcategory was significantly different, then choose "Assessed, detected differences" Legend: 1. Tumor size (volume, weight, etc); 2. Tumoral immune cells.	
Other cancer-related outcomes outcomes: If you chose "Assessed (...)" above, list all other outcomes.	
Varia: Note: If at least one outcome in the subcategory was significantly different, choose "Assessed, detected differences" Legend: 1. Lipid profile: any blood test used to find abnormalities in lipids, such as cholesterol and triglycerides. 2. Biomarkers related to diabetes: glucose, insulin, HbA1c, glucagon, C-peptide, etc.	
Other outcomes: If you chose "Assessed (...)" above, list all other outcomes.	

	Not assessed	Assessed, detected differences	Assessed, without any differences
Learning and memory tests (e.g. morris water maze, T maze or radial arm maze (RAM))	☐	☐	☐
Social behavior tests (e.g. sociabilty)	☐	☐	☐
Emotionality tests (e.g. forced swim, tail suspension)	☐	☐	☐
Pain Tests	☐	☐	☐
Other	☐	☐	☐

	Not assessed	Assessed, detected differences	Assessed, without any differences
Tumor size (volume, weight, etc)	☐	☐	☐
Tumoral immune cells	☐	☐	☐
Other	☐	☐	☐

	Not assessed	Assessed, detected differences	Assessed, without any differences
lipid profile	☐	☐	☐
biomarkers related to diabetes	☐	☐	☐
weight or food intake	☐	☐	☐
blood metabolome	☐	☐	☐
urine metabolome	☐	☐	☐
fecal SCFA and/or other metabolites	☐	☐	☐
mortality	☐	☐	☐
Other	☐	☐	☐

Legend: • answer in single-choice question, □ answer in multiple-choice question