

**Supplementary Material 1.** String for MEDLINE search.

1. ("Aspirin"[Mesh] OR Aspirin\*[tiab] OR Acetylsalicylic acid[tiab] OR "Platelet Aggregation Inhibitors"[Mesh] OR antiplatelet\*[tiab] OR antiaggregant\*[tiab] OR aggregation inhibit\*[tiab] OR ditazole\*[tiab] OR cloricromen\*[tiab] OR clopidogrel\*[tiab] OR ticlopidine\*[tiab] OR dipyridamole\*[tiab] OR Carbasalate\*[tiab] OR epoprostenol\*[tiab] OR indobufen\*[tiab] OR iloprost\*[tiab] OR aloxiprin\*[tiab] OR eptifibatide\*[tiab] OR tirofiban\*[tiab] OR triflusal\*[tiab] OR beraprost\*[tiab] OR treprostini\*[tiab] OR prasugrel\*[tiab] OR cilostazol\*[tiab] OR ticagrelor\*[tiab] OR cangrelor\*[tiab] OR vorapaxar\*[tiab] OR selexipag\*[tiab] OR "Heparin"[Mesh] OR heparin\*[tiab] OR "Phosphodiesterase Inhibitors"[Mesh] OR Phosphodiesterase inhibit\*[tiab] OR "Sildenafil Citrate"[Mesh] OR Sildenafil[tiab] OR Viagra[tiab] OR "Tadalafil"[Mesh] OR tadalafil[tiab] OR Cialis[tiab] OR "Vardenafil Dihydrochloride"[Mesh] OR vardenafil[tiab] OR amrinone[tiab] OR milrinone[tiab] OR enoximone[tiab] OR cilostazol[tiab] OR inamrinone[tiab] OR Levitra[tiab] OR dapoxetine[tiab] OR "dapoxetine"[Supplementary Concept] OR "dapoxetine-N-oxide"[Supplementary Concept] OR "Finasteride"[Mesh] OR finasteride[tiab] OR "Vascular Endothelial Growth Factors"[Mesh] OR Vascular Endothelial Growth Factor\*[tiab] OR VEGF\*[tiab] OR ("MicroRNAs"[Mesh] OR MicroRNA\*[tiab] OR miRNA\*[tiab]) AND (therap\*[tiab] OR treatment\*[tiab] OR medication\*[tiab] OR agent\*[tiab] OR drug\*[tiab]) NOT (screening[tiab] OR diagnos\*[tiab])) OR "Hydroxymethylglutaryl-CoA Reductase Inhibitors"[Mesh] OR statin\*[tiab] OR Hydroxymethylglutaryl-CoA Reductase Inhibit\*[tiab] OR HMG-CoA Reductase Inhibit\*[tiab] OR HMGC<sub>o</sub>A Reductase Inhibit\*[tiab] OR HMG CoA Reductase Inhibit\*[tiab] OR "Nitric Oxide Donors"[Mesh] OR Nitric Oxid\*[tiab] OR Oxid Donor\*[tiab] OR NO releasing drug\*[tiab] OR NO-releasing drug[tiab] OR "Hydrogen Sulfide"[Mesh] OR Hydrogen Sulfid\*[tiab] OR Hydrogen Sulphid\*[tiab] OR "Proton Pump Inhibitors"[Mesh] OR Proton pump Inhibit\*[tiab] OR ppi\*[tiab] OR "Anti-Ulcer Agents"[Mesh] OR anti-ulcer agent\*[tiab] OR anti ulcer agent\*[tiab] OR "Esomeprazole"[Mesh] OR esomeprazol\*[tiab] OR "Omeprazole"[Mesh] OR omeprazol\*[tiab] OR pantoprazol\*[tiab] OR lansoprazol\*[tiab] OR rabeprazol\*[tiab] OR "Melatonin"[Mesh] OR Melatonin\*[tiab] OR "Creatine"[Mesh] OR creatin\*[tiab] OR "Cysteine"[Mesh] OR cystein\*[tiab] OR acetylcystein\*[tiab] OR insulin-like growth factor\*[tiab] OR IGF\*[tiab] OR somatomedin\*[tiab] OR "Somatomedins"[Mesh] OR mecasermin\*[tiab] OR somatropin\*[tiab] OR somatrem\*[tiab] OR sermorelin\*[tiab] OR tesamorelin\*[tiab])

2. ("Pregnancy Complications"[Mesh] OR "Fetal Diseases"[Mesh] OR "Fetal Weight"[Mesh] OR "Fetal Death"[Mesh] OR "Fetal Growth Retardation"[Mesh] OR "Infant, Low Birth Weight"[Mesh] OR "Infant, Premature"[Mesh] OR "Uterine Artery"[Mesh] OR "Placental Circulation"[Mesh] OR "Stillbirth"[Mesh] OR "Perinatal Death"[Mesh] OR "Perinatal Mortality"[Mesh] OR "Infant, Small for Gestational Age"[Mesh])
3. ("Pregnancy"[Mesh] OR pregnan\*[tiab] OR placenta\*[tiab] OR "Fetus"[Mesh] OR foetus[tiab] OR fetus[tiab] OR fetal[tiab] OR foetal[tiab] OR "Infant, Newborn"[Mesh] OR neonat\*[tiab] OR newborn\*[tiab] OR intrauterine\*[tiab] OR uterin\*[tiab] OR perinatal\*[tiab] OR gestation\*[tiab])
4. (complication\*[tiab] OR disease\*[tiab] OR retardation\*[tiab] OR restriction\*[tiab] OR weight\*[tiab] OR growth\*[tiab] OR stillbirth\*[tiab] OR death\*[tiab] OR mortalit\*[tiab] OR dead[tiab] OR termination\*[tiab] OR "Growth"[Mesh] OR "hypoxia"[tiab] OR "asphyxia"[tiab])
5. 3 AND 4
6. 2 OR 5
7. (Case Reports[ptyp] OR Comment[sb] OR Editorial[ptyp] OR Guideline[ptyp] OR Meta-Analysis[ptyp] OR Practice Guideline[ptyp] OR Review[ptyp] OR systematic[sb])
8. (mouse OR mice OR rat OR rats OR experimental model\* OR animal\* OR preclinical\* OR screening\* OR diagnosis\* OR diagnostic)
9. (French[lang] OR Spanish[lang] OR German[lang] OR Chinese[lang] OR Hindi[lang] OR Arabic[lang] OR Italian[lang] OR Turkish[lang] OR Swedish[lang] OR Danish[lang])
10. 1 AND 6
11. 10 NOT 7 NOT 8 NOT 9