**Supplementary file 3: Reasons for exclusion during full text screening.**

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| --- | --- | --- | --- |
| **Reference** | **Reason for exclusion** | **Title** | **No** |
| [[1](#_ENREF_1)] | Review article | ETC-1002: a future option for lipid disorders?‏ | 1 |
| [[2](#_ENREF_2)] | In vitro and animal study | ETC-1002 Regulates Immune Response, Leukocyte Homing and Adipose Tissue Inflammation via LKB1 Dependent Activation of Macrophage AMPK | 2 |
| [[3](#_ENREF_3)] | Animal study | A novel small molecule, ETC-1002, lowers proatherogenic lipoproteins, reduces adiposity, and improves hepatic steatosis in a hyperlipidemic hamster model | 3 |
| [[4](#_ENREF_4)] | Animal study | AMP-activated protein kinase and ATP-citrate lyase are two distinct molecular targets for ETC-1002, a novel small molecule regulator of lipid and carbohydrate metabolism | 4 |
| [[5](#_ENREF_5)] | Review article | Bempedoic Acid (ETC-1002): an Investigational Inhibitor of ATP Citrate Lyase | 5 |
| [[6](#_ENREF_6)] | Conference abstract  | ETC-1002 Lowers LDL-Cholesterol and is Well Tolerated in Hypercholesterolemic Patients Across Four Phase 2a Studies | 6 |
| [[7](#_ENREF_7)] | Animal study | Prevention of Diet-induced Metabolic Dysregulation, Inflammation and Atherosclerosis in Ldlr-/-Mice by Treatment With the ACL Inhibitor ETC-1002‏ | 7 |
| [[8](#_ENREF_8)] | Animal study | Bempedoic Acid Lowers Low Density Lipoprotein-Cholesterol and Attenuates Aortic Atherosclerosis in LDL Receptor-Deficient (LDLR+/- and LDLR-/-) Yucatan miniature pigs | 8 |

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