

Supplementary Information

Article

Anti-angiogenic miR-222, miR-195, and miR-21a plasma levels in T1DM are Improved by Metformin Therapy, thus Elucidating its Cardioprotective Effect: The MERIT Study

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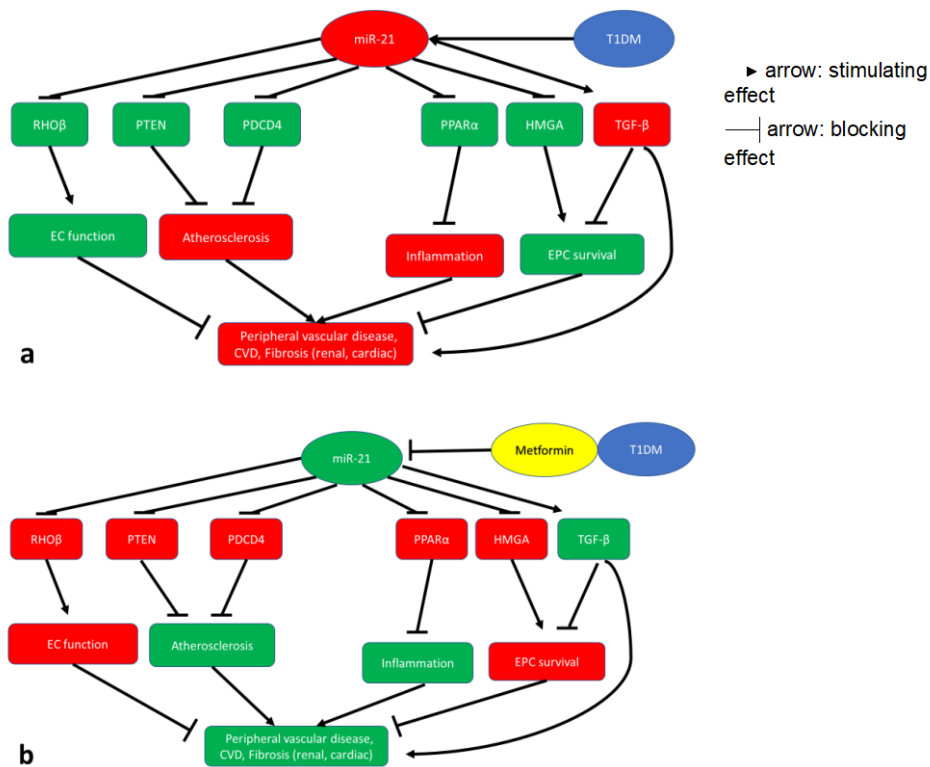
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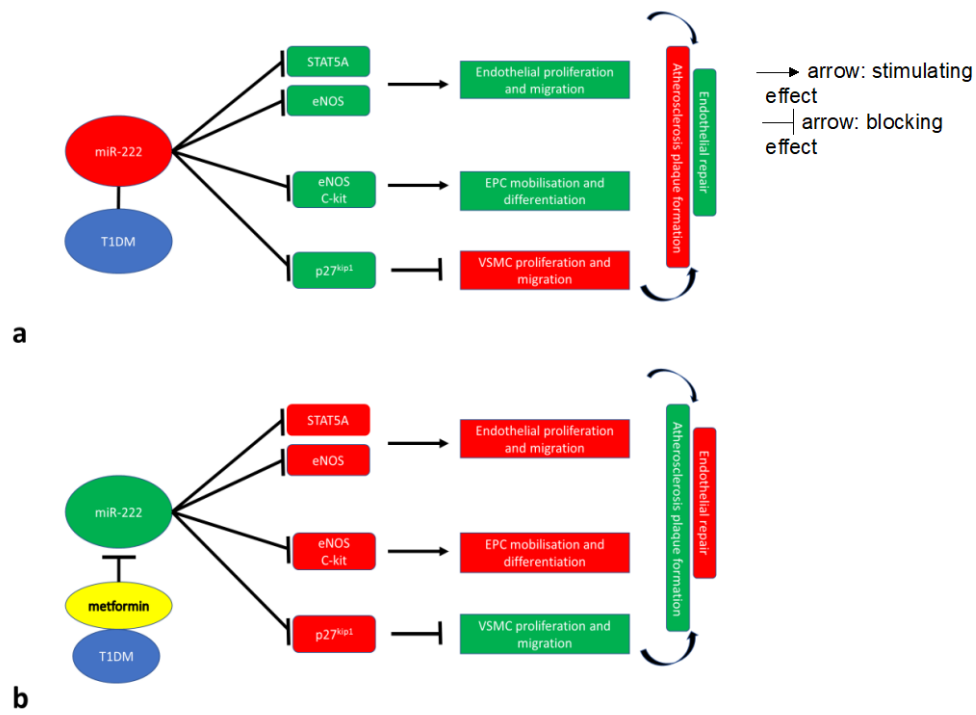
Trial registration: ISRCTN26092132

URL: <http://controlled-trials.com/ISRCTN26092132> ; DOI: 10.1186/ISRCTN26092132

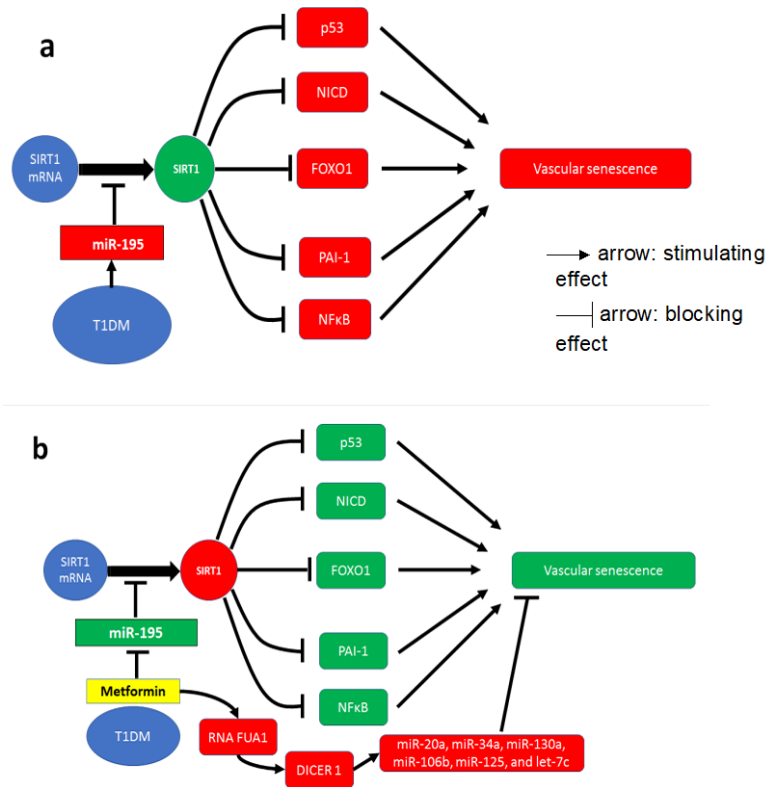
Supplementary Figures



Supplementary Figure S1. Flowchart of the suggested effect of miR-21 in T1DM. a. Effect of miR-21 in the development of vascular pathology in T1DM patients. b. Effect of metformin on circulatory miR-21 levels. Green color represents downregulation, red color represents upregulation, blue color highlights T1DM and yellow metformin therapy.



Supplementary Figure S2. Flowchart of the proposed effect of miR-222 in T1DM. a. Effect of miR-222 on the development of vascular pathology in T1DM patients. b. Effect of metformin on circulatory miR-222 levels. Green color represents down regulation, red color represents upregulation, blue color highlights T1DM and yellow metformin therapy.



Supplementary Figure S3. Flowchart of the proposed effect of miR-195 in T1DM. a. The flowchart suggests the effect of miR-195 on the development of vascular pathology in T1DM patients. b. Effect of metformin on circulatory miR-195 levels. Green colour represents down regulation, red colour represents upregulation, blue colour highlights T1DM and yellow metformin therapy.