

Network-based modeling of drug effects on disease module in systemic sclerosis

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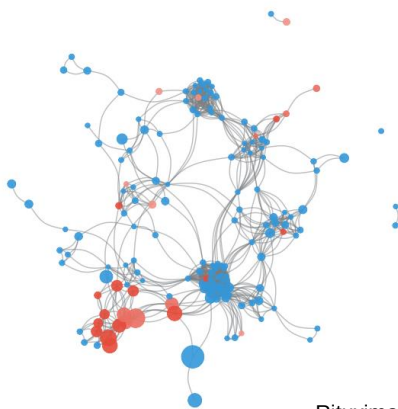
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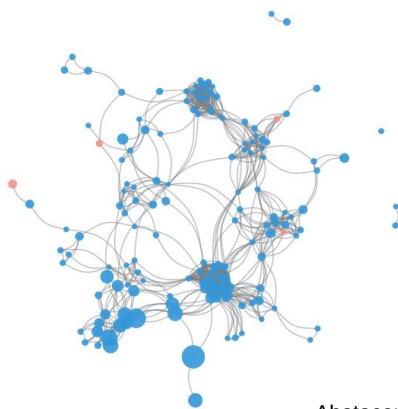
⁴ Department of Computer Science, University of California, Davis

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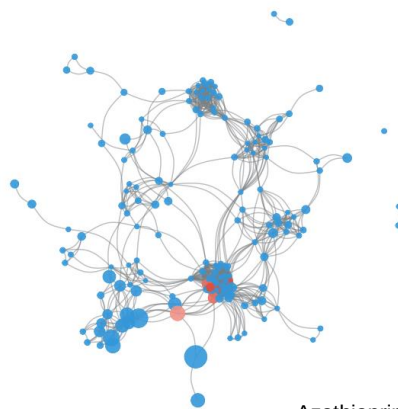
⁶ AI Institute for Next-Generation Food Systems, AIFS, Davis, CA



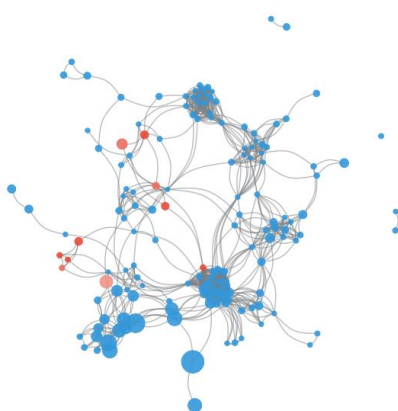
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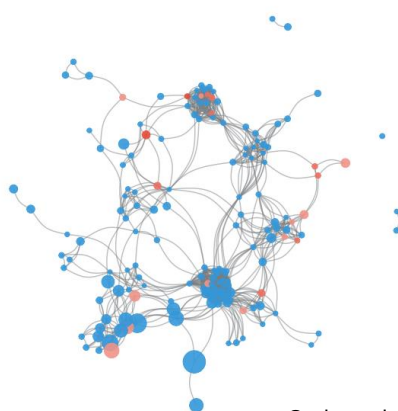
Abatacept



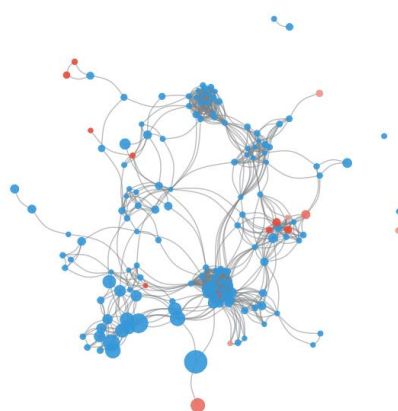
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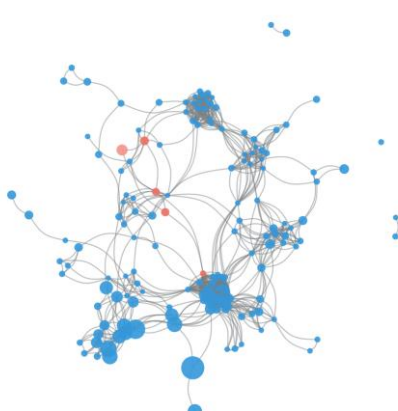
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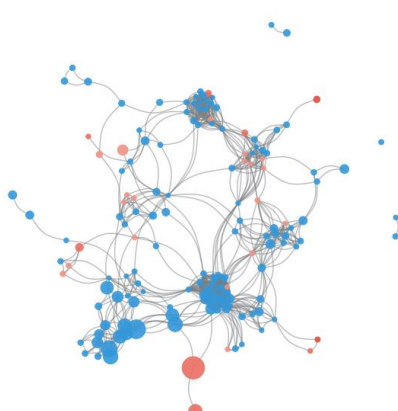
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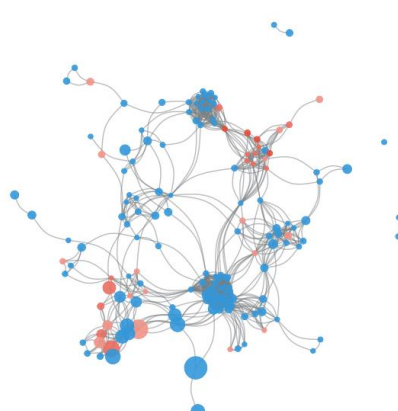
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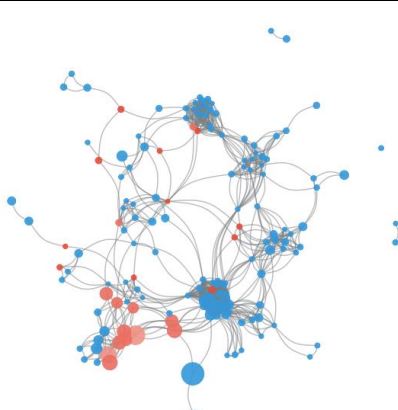
Mycophenolate



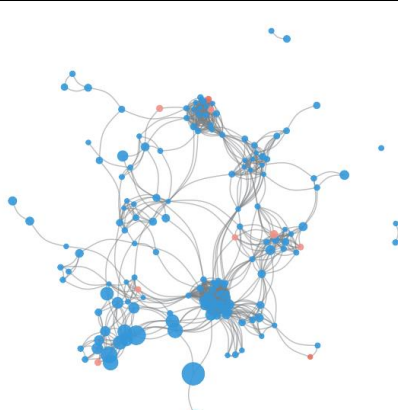
Rilonacept



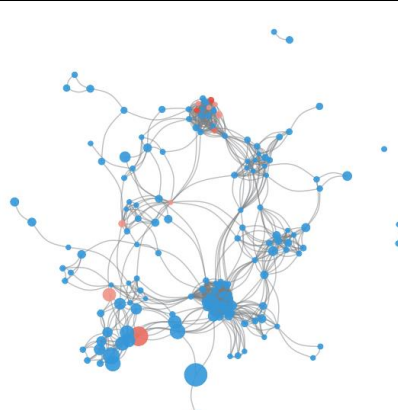
Sirolimus



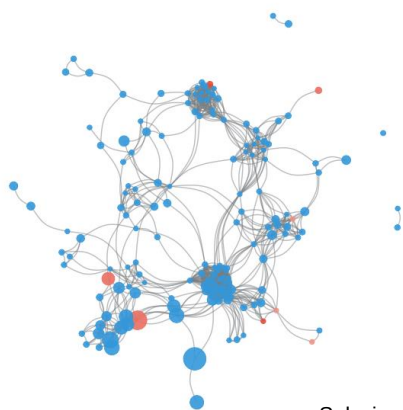
Tocilizumab



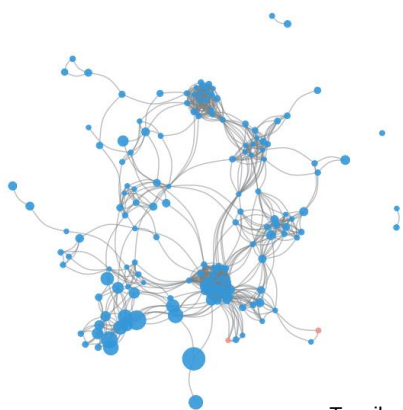
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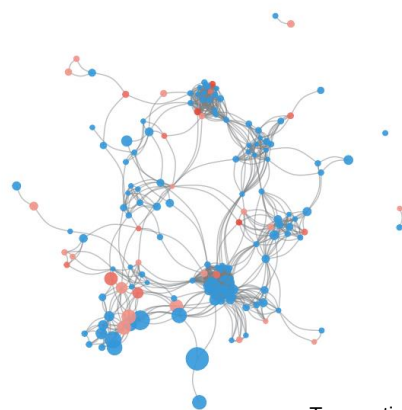
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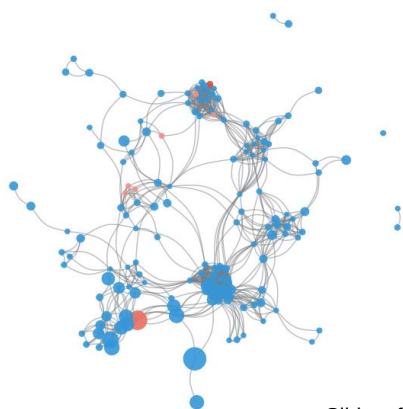
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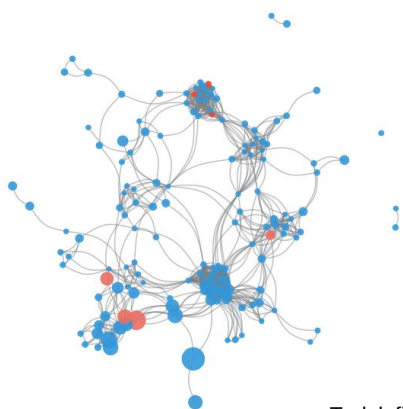
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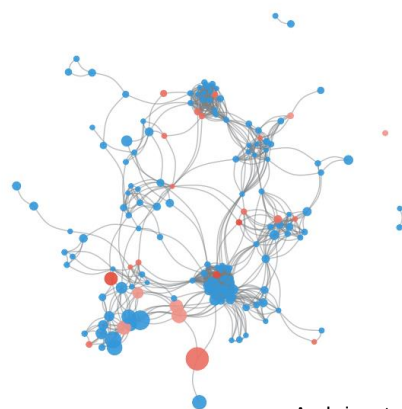
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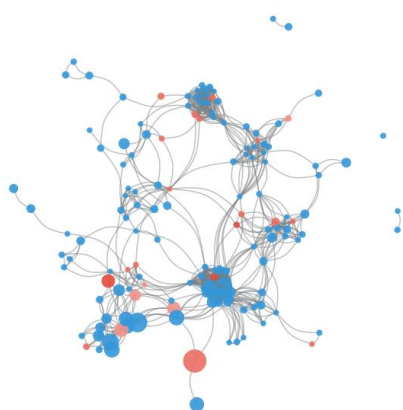
Sildenafil



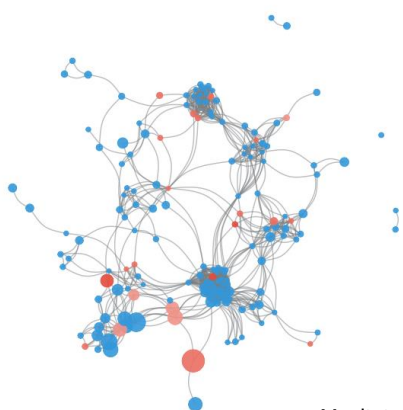
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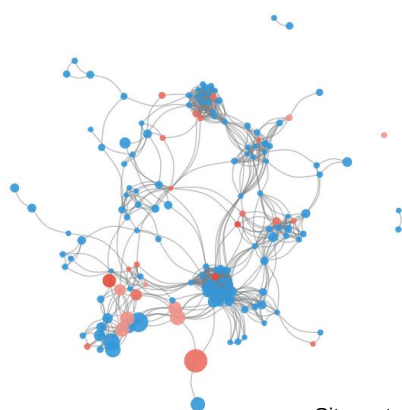
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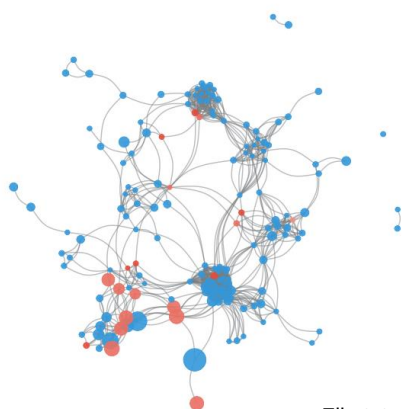
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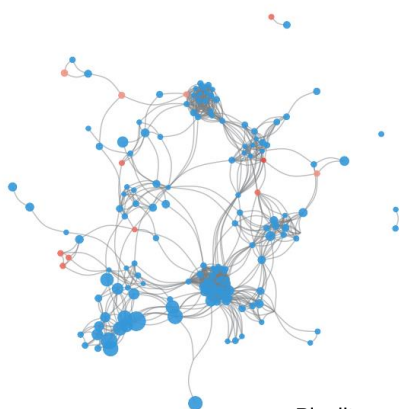
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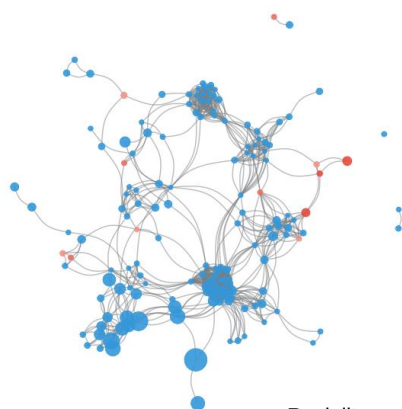
Sitaxentan



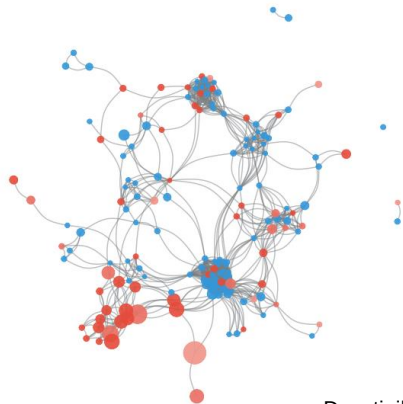
Zibotetan



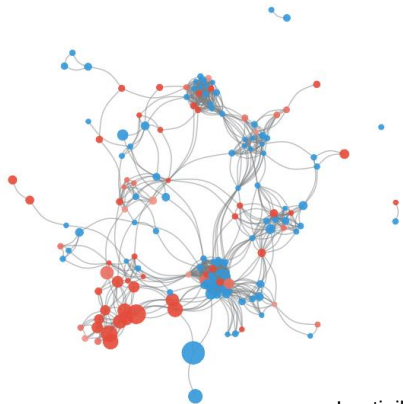
Pioglitazone



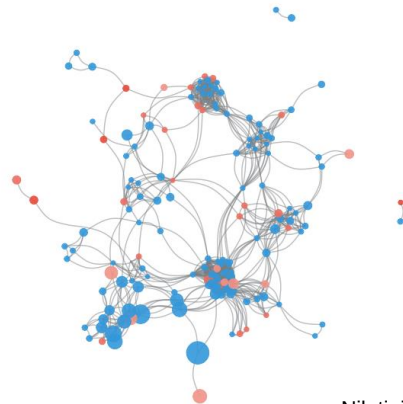
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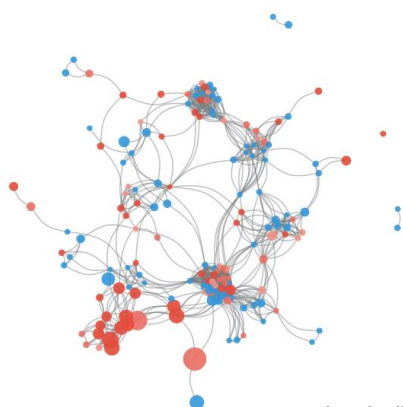
Dasatinib



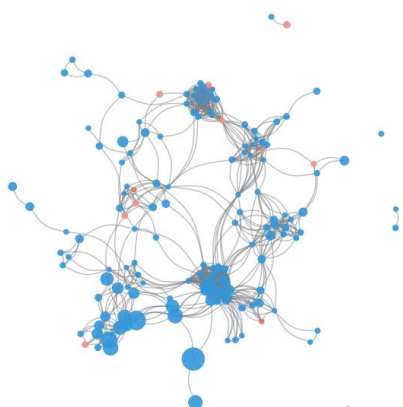
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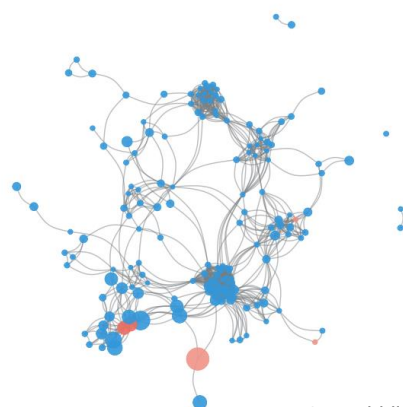
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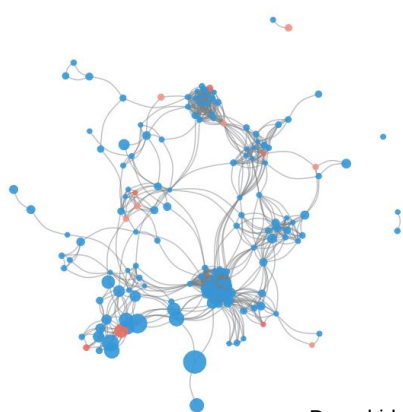
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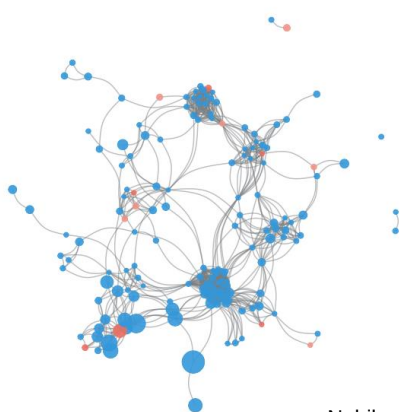
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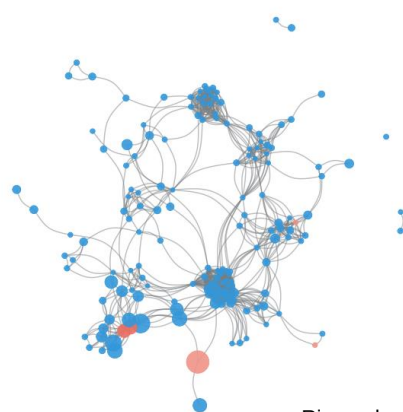
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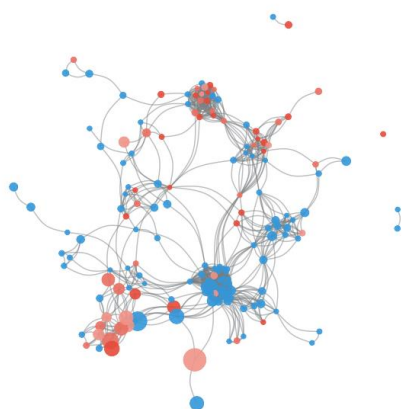
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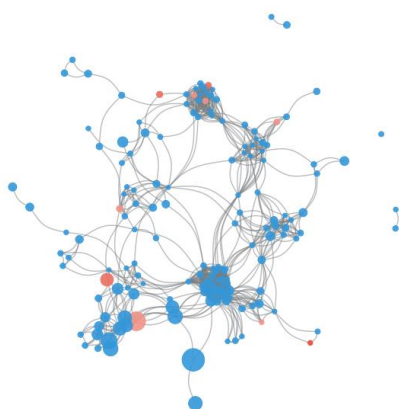
Nabilone



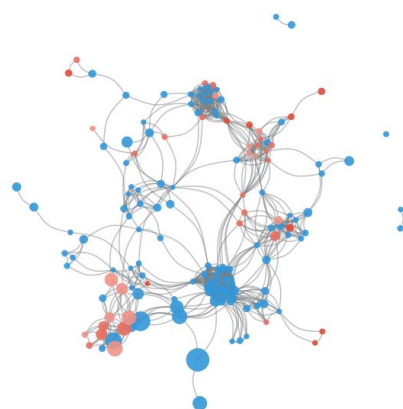
Rimonabant



Acetylcysteine



Cyproheptadine



Halofuginone

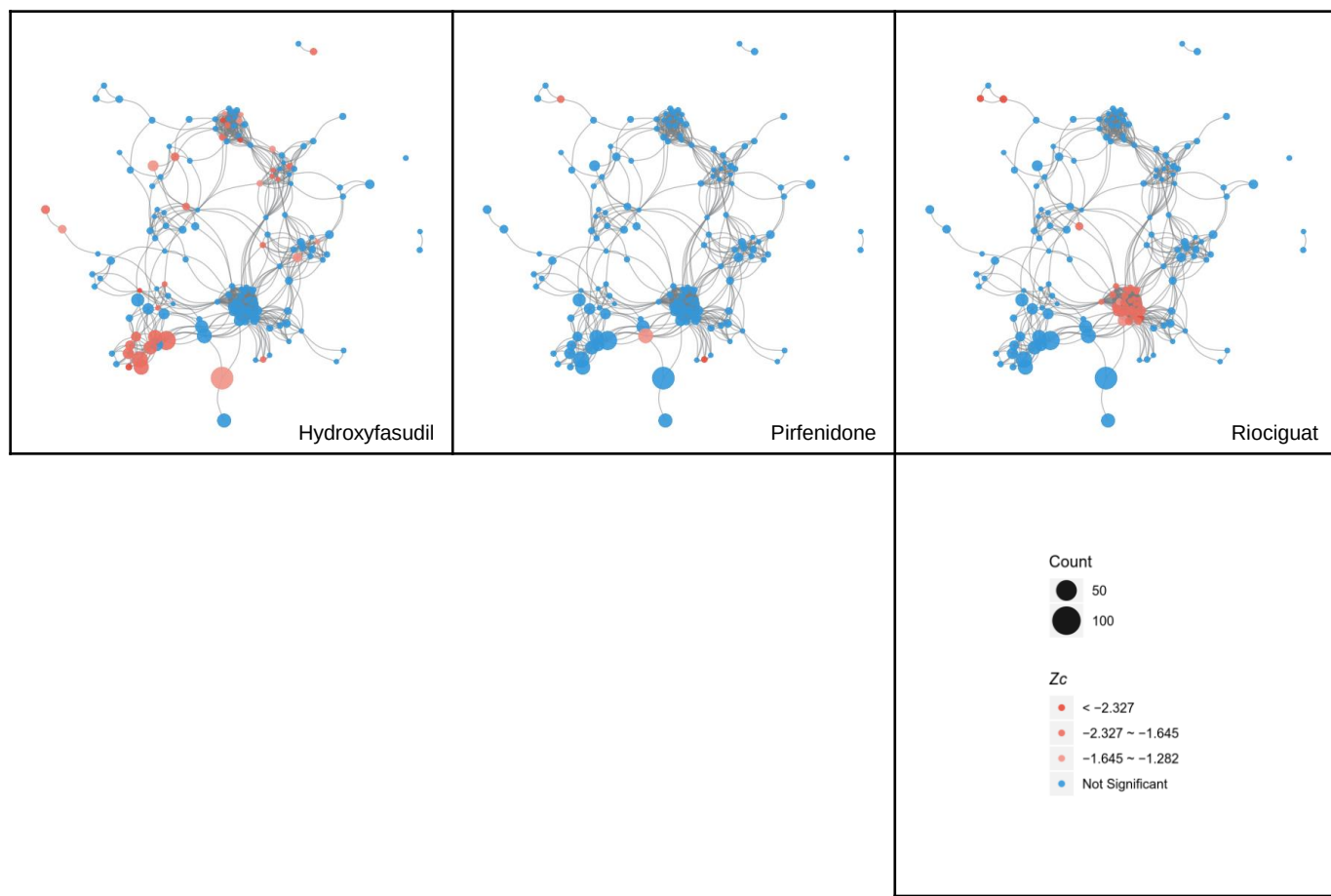


Figure S2. Network perturbation by proximity between drugs and disease module. Layout of the network is the same as the enrichment map of SSc disease module (**Figure 5A**). Nodes significantly proximal to drug targets are colored by red hue depending on the degree of proximity and insignificant nodes are coated by blue color.