

NUTRIGENOMIC: The effect of Resveratrol on type II Diabetes Mellitus



OBJECTIVES

- Have an overview of nutrigenomics.
- To study the possible use of resveratrol in type II diabetes mellitus.
- To study the interaction of resveratrol with proteins involved in type II diabetes mellitus and its potential effect on the development of the disease.

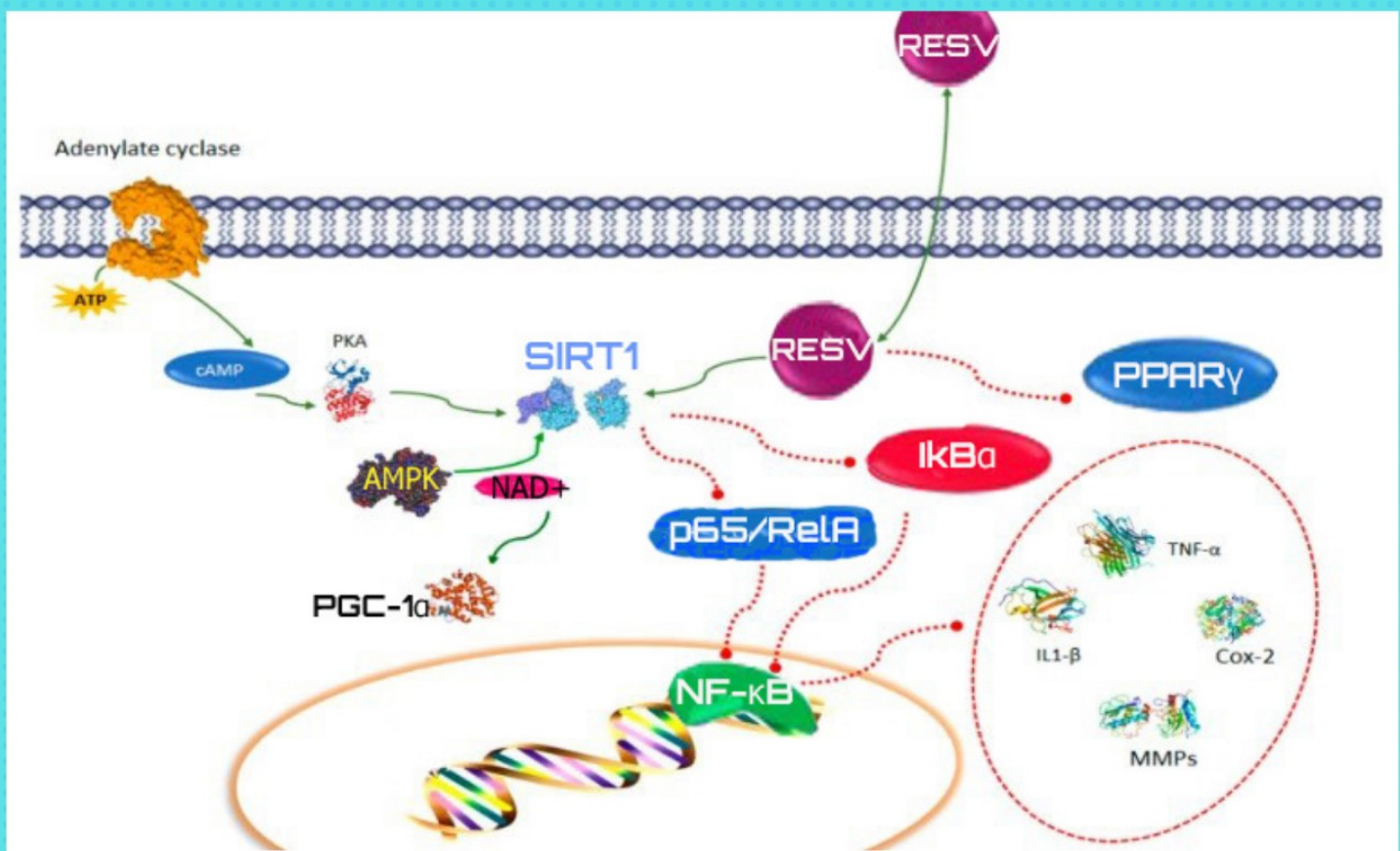


Figure modified from Malaguarnera, 2019: Action pathways of resveratrol

CONCLUSIONS

- High oxidative stress and a proinflammatory environment favor the appearance of DM2.
- Resveratrol Interacts with genes combating oxidative stress and downregulate proinflammatory genes.
- More research is needed to see the efficacy of resveratrol in humans for the treatment of DM2.

