6. CONCLUSIONS

The isolated *M. sanguineus* now can be established as a potential natural source for pigment production which can further be utilised

- as an effective food colorants
- as an antioxidants
- as an agent for the reduction of cholesterol
- as a means for managing the hyper-tension

Since fungal secondary metabolites are extremely important to our health and nutrition and have tremendous economic impact, *M. sanguineus* fermented food products can be used as a functional food.