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**Result:** Out of **100** Phytochemicals, **Quarcetin** showing the good binding affinity with target protein chain A with a docking score of **-36.6761** and it is also showing good binding affinity with target protein chain B with a docking score of **-30.7994**. Predicted **IC50** values of the phytochemical is almost similar to the known inhibitor.

**Conclusion:** By analysing docking score and **IC50** value of Quarcetin showing the better results than knowing inhibitors, and it may be a good drug against Leishmaniasis.

**Keywords:** Leishmaniasis, Trypanothione reductase, Phytochemicals, Quarcetin, Molecular Docking, **IC50**, QSAR.

## Vote of Thanks

**By**

**Dr Anupam Das Talukdar**

**Organizing Secretary, CRCADD**

Honourable Chief Guest, Vice Chancellor of Assam University, Silchar, Prof. Dilip Chandra Nath; our Guest of Honour, Vice Chancellor of Bilaspur University, Chhattisgarh, Prof G. D. Sharma; Honourable Dean, School of Life Sciences, Assam University, Silchar, Prof. Supriyo Chakraborty; our most valued invited guests, distinguished delegates, my dear research scholar participants from various Northeastern Institutes, students, ladies and gentleman; it is my immense pleasure on being asked to deliver the vote of thanks on this occasion.

I extend my sincere thanks to Prof. Dilip Chandra Nath, Hon'ble Vice Chancellor of Assam University, Silchar, for his gracious presence in this inaugural ceremony and his valuable words. His vision and guidance helped us to organize this event.

On behalf of the Organizing Committee of the Conference, I convey my deep regards and gratitude to Prof. G. D. Sharma, Hon'ble Vice Chancellor of Bilaspur University, Chhattisgarh, who happens to be the Ex Pro-Vice Chancellor of Assam University, Silchar as well as the founder Coordinator of our Bioinformatics Centre, for gracing the inaugural ceremony of the conference as our Guest of Honour and sharing his visions.

I am grateful to Honourable Dean, School of Life Sciences, Prof. Supriyo Chakraborty for his kind presence in this august gathering and saying valuable words. He is also going to act as one of the invited speakers in the technical session.

Heartiest thanks are due to all the invited speakers who are going to share with us their knowledge, philosophy and experiences on different aspects and allied areas of the conference theme. Thanks are also due to all the Chairpersons and Rapporteurs who are going to conduct the technical sessions of the conference. We understand that you have taken time out of your very important schedules to contribute to this meet and some of you have even travelled a very long distance to come over here. Thank you for your invaluable contribution.

I am thankful to all the invited guests in the audience, my colleagues, teaching and non teaching staffs of the University for gracing this occasion and inspiring us to move forward.

My sincere thanks to all the research scholar participants from different institutes who are the main reason for existence of this event. This is a unique opportunity to share scientific thoughts and experiences with each other and learn a lot from the invited speakers. My

special thanks are due to all those who are going to present their papers in the technical session of this conference.

Organizing this conference wouldn't have been possible without the financial assistance from North Eastern Council (NEC), SERB and DBT, Govt. of India. I wish to thank all those funding agencies and sources in order to facilitate smooth running of this national conference. Gratefulness is also due to the decorators and sound system operators for arranging this inaugural event.

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Last but not the least, I thank all the wonderful PGDBI students and research scholars of Bioinformatics Centre as well as M.Sc students of Dept. of Life Science & Bioinformatics of Assam University to act as volunteers to make this event a successful one and also for their constant support and efforts.

Once again I offer my heartiest thanks to all the guests, delegates, participants and paper presenters on behalf of the organizing committee. It's really a great pleasure to have all of you in this National Conference.

Thanks a lot.



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