

List of Publications

Research Article

1. **Shah KR**, Patel DK, Pappachan A, Prabha CR, Singh DD. Characterization of a Kunitz-type serine protease inhibitor from *Solanum tuberosum* having lectin activity. Int J Biol Macromol. 2016 Feb; 83:259-69.
2. Patel DK, **Shah KR**, Pappachan A, Gupta S, Singh DD. Cloning, expression and characterization of a mucin-binding GAPDH from *Lactobacillus acidophilus*. Int J Biol Macromol. 2016 May; 91:338-346.
3. **Shah KR**, Patel DK, Pappachan A, Singh DD. Role of dirigent domain in influencing the carbohydrate specificity of beta Glucosidase aggregating factor from *Sorghum bicolor* (Under preparation)
4. **Shah KR**, Patel DK, Pappachan A, Singh DD. Structural and biochemical characterization of a novel vicilin with galactose/lactose specificity from seeds of *Gossypium arboreum*. (Under preparation)
5. Patel DK, **Shah KR**, Pappachan A, Pal R, Singh DD. Structural characterization of *L. acidophilus* GAPDH (Under preparation).

Oral and Poster presentation

1. **Shah KR**, Singh DD “Isolation, purification and characterization of Kunitz-type serine protease inhibitor with lectin like activity from *Solanum tuberosum*” 42nd National Seminar on Crystallography and International Workshop on Application of X-ray Diffraction for Drug Discovery, 21-23 November, 2013, JNU, New Delhi. **Oral presentation**
2. **Shah KR**, Pappachan A, Singh DD “Cloning, purification and characterization of β Glucosidase Aggregating factor (BGAF) from *Sorghum bicolor*” International Symposium-cum-Workshop Frontiers of Structural Biology new advances in x-ray diffraction and cryo - electron microscopy Venue: Indian National Science Academy, Bahadur Shah Zafar Marg, New Delhi – 110002 December 15 - 17 2014. Abstract #48 **Poster Presentation.**