Publications

1. Association of Hemoglobin A1c Levels With Use of Sulfonylureas, Dipeptidyl Peptidase 4 Inhibitors, and Thiazolidinediones in Patients With Type 2 Diabetes Treated With Metformin Analysis From the Observational Health Data Sciences and Informatics Initiative  *JAMA Network Open*
   2018; 1 (4)

2. Comparative safety and effectiveness of alendronate versus raloxifene in women with osteoporosis
   Wiley. 2018: 184

3. Impact of integrated psycho-socio-economic support on treatment outcome in drug resistant tuberculosis – A retrospective cohort study  *Indian Journal of Tuberculosis*
   Bhatt, R., Chopra, K., Vashisht, R.
   2018

4. Integrated molecular, clinical, and ontological analysis identifies overlooked disease relationships  *Biorxiv*
   2017

5. Learning Effective Treatment Pathways for Type-2 Diabetes from a clinical data warehouse.  *AMIA ... Annual Symposium proceedings. AMIA Symposium*
   Vashisht, R., Jung, K., Shah, N.
   2016; 2016: 2036-2042

6. Metformin as a potential combination therapy with existing front-line antibiotics for Tuberculosis  *JOURNAL OF TRANSLATIONAL MEDICINE*
   Vashisht, R., Brahmachari, S. K.
   2015; 13

7. Systems level mapping of metabolic complexity in Mycobacterium tuberculosis to identify high-value drug targets  *JOURNAL OF TRANSLATIONAL MEDICINE*
   2014; 12

8. Social networks to biological networks: systems biology of Mycobacterium tuberculosis  *MOLECULAR BIOSYSTEMS*
   Vashisht, R., Bhardwaj, A., Brahmachari, S. K.
   2013; 9 (7): 1584-1593

9. Crowd Sourcing a New Paradigm for Interactome Driven Drug Target Identification in Mycobacterium tuberculosis  *PLOS ONE*
   2012; 7 (7)

10. Modeling metabolic adjustment in Mycobacterium tuberculosis upon treatment with isoniazid.  *Systems and synthetic biology*
    Bhat, A. G., Vashisht, R., Chandra, N.
• Protein-protein interaction networks suggest different targets have different propensities for triggering drug resistance. *Systems and synthetic biology*
  Padiadpu, J., Vashisht, R., Chandra, N.
  2010; 4 (4): 311-322

• Strategies for efficient disruption of metabolism in Mycobacterium tuberculosis from network analysis *MOLECULAR BIOSYSTEMS*
  Raman, K., Vashisht, R., Chandra, N.
  2009; 5 (12): 1740-1751

**PRESENTATIONS**

• Learning Effective Clinical Treatment Pathways for Type-2 Diabetes from Observational Data - Rising Star in Data Science (September 13, 2017 - September 13, 2017)