Publications

PUBLICATIONS

• 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*
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• Comparative safety and effectiveness of alendronate versus raloxifene in women with osteoporosis
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• Impact of integrated psycho-socio-economic support on treatment outcome in drug resistant tuberculosis – A retrospective cohort study *Indian Journal of Tuberculosis*
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• Integrated molecular, clinical, and ontological analysis identifies overlooked disease relationships *Biorxiv*
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• Learning Effective Treatment Pathways for Type-2 Diabetes from a clinical data warehouse. *AMIA ... Annual Symposium proceedings. AMIA Symposium*
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• Metformin as a potential combination therapy with existing front-line antibiotics for Tuberculosis *JOURNAL OF TRANSLATIONAL MEDICINE*
  Vashisht, R., Brahmachari, S. K.
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• Systems level mapping of metabolic complexity in Mycobacterium tuberculosis to identify high-value drug targets *JOURNAL OF TRANSLATIONAL MEDICINE*
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• Social networks to biological networks: systems biology of Mycobacterium tuberculosis *MOLECULAR BIOSYSTEMS*
  Vashisht, R., Bhardwaj, A., Brahmachari, S. K.
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• Crowd Sourcing a New Paradigm for Interactome Driven Drug Target Identification in Mycobacterium tuberculosis *PLOS ONE*
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• 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.
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**PRESENTATIONS**

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