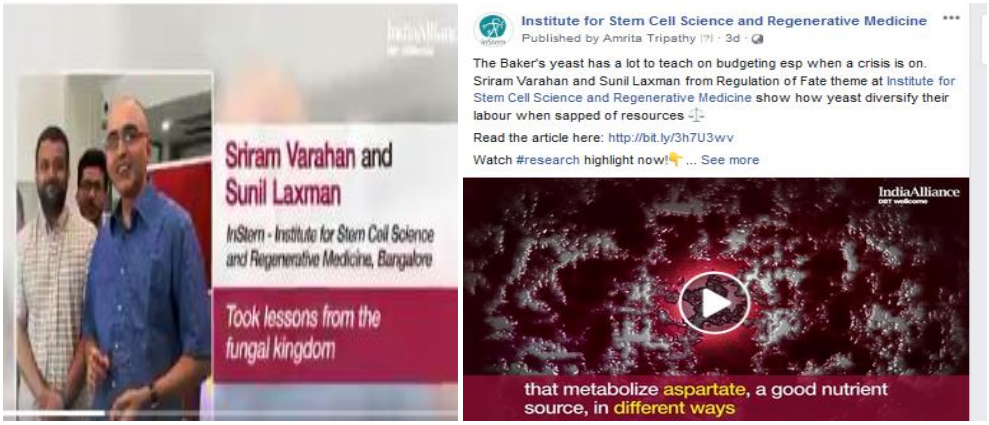
DBT- WT India Alliance Coverage of Dr. Sunil Laxman's work

Dr. Sunil Laxman, from DBT's Institute for Stem Cell Science & Regenerative Medicine (inStem), Bengaluru, highlighted the importance of amino acids as both carbon and nitrogen sources for cells. The mechanisms observed in his study, using model yeast cells, are thought to general, and applicable to many cell types, such as microbial communities and possibly, tumour and stem cell microenvironments. The interesting research work that uses experimental and theoretical approaches was carried out in collaboration with Dr Sandeep Krishna, NCBS, to show how cells within a community can specialize and divide labour, by creating self-organized cross-feeding systems here.



The November 2020 special bulletin of the DBT-WT India Alliance, featured a recent publication from the laboratory of Dr. Laxman, inStem, Bengaluru. Dr. Laxman is a member of the Regulation of Cell Fate (RCF) theme and a Wellcome Trust/DBT India Alliance Intermediate Fellowship awardee. The highlighted work was authored by his postdoc, Sriram Varahan, also a Wellcome Trust/DBT India Alliance Early Career Fellowship awardee. The work was published in the journal *eLife* (September 2020).

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