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Qualifications

PhD in Microbiology and Cell Biology, Indian Institute of Science Bangalore
MS in Genetics and Plant Breeding, University of Agricultural Sciences, Bangalore
BS in Agricultural Sciences, University of Agricultural Sciences, Bangalore

Recent Publications

Protocol for identifying natural agents that selectively affect adhesion, thickness, architecture, cellular phenotypes, extracellular matrix, and human white blood cell impenetrability of candida albicans biofilms

Park, Y. N., Thyagarajan, S., Daniels, K. J., Jacob, M. R., Agarwal, A. K., Li, X. C. & Solla, D. R., 1 Nov 2017, In : Antimicrobial Agents and Chemotherapy. 61, 11, e01319-17.

Binding sites in the EFG1 promoter for transcription factors in a proposed regulatory network: A functional analysis in the white and opaque phases of Candida albicans

Pujol, C., Thyagarajan, S., Park, Y. N., Daniels, K. J. & Soll, D. R., 1 Jan 2016, In : G3: Genes, Genomes, Genetics. 6, 6, p. 1725-1737 13 p.

Role of Tec1 in the development, architecture, and integrity of sexual biofilms of Candida albicans

Daniels, K. J., Thyagarajan, S., Pujol, C., Park, Y. N. & Soll, D. R., 1 Jan 2015, In : Eukaryotic Cell. 14, 3, p. 228-240 13 p.

Impact of environmental conditions on the form and function of Candida albicans biofilms

Daniels, K. J., Park, Y. N., Thyagarajan, S., Pujol, C. & Soll, D. R., 1 Oct 2013, In : Eukaryotic Cell. 12, 10, p. 1389-1402 14 p.

Candida albicans forms a specialized "sexual" as well as "pathogenic" biofilm

Park, Y. N., Daniels, K. J., Pujol, C., Thyagarajan, S. & Soll, D. R., 1 Aug 2013, In : Eukaryotic Cell. 12, 8, p. 1120-1131 12 p.

Identification of genes upregulated by the transcription factor bcr1 that are involved in impermeability, impenetrability, and drug resistance of Candida albicans a/a biofilms

Thyagarajan, S., Daniels, K. J., Pujol, C., Kim, E. & Soll, D. R., 1 Jun 2013, In : Eukaryotic Cell. 12, 6, p. 875-888 14 p.

The "finger," a Unique multicellular morphology of Candida albicans induced by CO₂ and dependent upon the ras1-cyclic AMP pathway

Daniels, K. J., Pujol, C., Thyagarajan, S. & Soll, D. R., 1 Oct 2012, In : Eukaryotic Cell. 11, 10, p. 1257-1267 11 p.

Nonsex genes in the mating type locus of Candida albicans play roles in a/a biofilm formation, including impermeability and fluconazole resistance

Thyagarajan, S., Daniels, K. J., Pujol, C., Sahni, N., Yi, S. & Soll, D. R., 1 Jan 2012, In : PLoS pathogens. 8, 1, e1002476.

Target specificity of the Candida albicans Efg1 regulator

Lassak, T., Schneider, E., Bussmann, M., Kurtz, D., Manak, J. R., Thyagarajan, S., Soll, D. R. & Ernst, J. F., 1 Nov 2011, In : Molecular Microbiology. 82, 3, p. 602-618 17 p.

Alternative mating type configurations (a/a versus a/a or a/a) of candida albicans result in alternative biofilms regulated by different pathways

Yi, S., Sahni, N., Daniels, K. J., Lu, K. L., Thyagarajan, S., Huang, G., Garnaas, A. M. & Soll, D. R., 1 Aug 2011, In : PLoS Biology. 9, 8, e1001117.