



**2003-2007:** Department of Microbiology, UTHSCSA, Lectures on Parasitology for Graduate Students.

**2000-2001:** Teaching Assistant, Undergraduate Molecular Biology laboratory classes, University of Calgary.

**2000:** Teaching Assistant, Undergraduate Microbiology laboratory classes, University of Calgary.

**1999:** Teaching Assistant, Undergraduate Biology laboratory classes, University of Calgary.

### **Awards and Fellowships**

1990-1994: Undergraduate Merit scholarship

1994-1996: Indian Council of Agricultural Research (ICAR) Junior Research fellowship

1998-2002: Bettina Bahlsen memorial Graduate merit Scholarship

2000-

2009: Award for Excellence in Teaching, School of Molecular Biosciences, WSU, Pullman.

2013: American Society for Microbiology ASMCUE Travel Award

### **Professional Affiliations**

2003-present: American Society for Microbiology

2005-present: American Society for Cell Biology

1998-present: American Society of Tropical Medicine and Hygiene

### **Publications**

Sharma J, Zhang X, Sarker T, Yan X, Washburn L, Qu H., Guo Z, **Kucknoor AS** and Wei S. 2014. Biocompatible Electrospun Tactic Poly(methyl methacrylate) Blend Fibers. *Polymer*, 55(15), 3261-3269.

Sadu RB, Chen DH, **Kucknoor AS**, Guo Z and Gomes AJ. 2014. Silver Doped - TiO<sub>2</sub>/Polyurethane Nano-Composites for Antibacterial Textile Coating. *BioNanoScience*,

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Stark JR,

transforming growth factor beta. *J Biol Chem.* 277(28):25305-12. Epub 2002 May

diagnostic for *Trichomonas vaginalis* with new monoclonal antibodies. Abstracts of the 47th Interscience Conference on Antimicrobial Agents and Chemotherapy 2007 - American Society for Microbiology.

**Kucknoor AS**, Mundodi V and Alderete JF. 2007. Comparative gene expression analysis of pathogenic and non-pathogenic *Trichomonas* species. Abstracts of the General Meeting of the American Society for Microbiology, Toronto, Canada.

**Kucknoor AS**, Mundodi V, Alderete JF. 2006. Analysis of secreted proteins of urogenital pathogen *Trichomonas vaginalis*. Abstracts of the General Meeting of the American Society for Microbiology, Orlando FL.

Mundodi V, **Kucknoor AS**, Alderete JF. 2006. Inhibition of ap33 gene expression leads to low levels of *Trichomonas vaginalis* adherence to vaginal epithelial cells. Abstracts of the General Meeting of the American Society for Microbiology, Orlando FL.

**Kucknoor AS**, Mundodi V, Alderete JF. 2005. *Trichomonas vaginalis* genes induced upon contact with human vaginal epithelial cells. Abstracts of the Annual Meeting of the American Society for Cell Biology, San Francisco, CA.

Mundodi V, **Kucknoor AS**, Alderete JF. 2005. Antisense RNA inhibition of *Trichomonas vaginalis* AP33 adhesin gene expression. Abstracts of the Annual Meeting of the American Society for Cell Biology, San Francisco, CA.

**Kucknoor AS**, Mundodi., and Alderete JF. 2005. *Trichomonas vaginalis* adherence mediates differential gene expression in human vaginal epithelial cells. Abstracts of the Annual Meeting of the American Society for Microbiology, Atlanta, GA.

Mundodi V, **Kucknoor AS**, Chang TH, and Alderete JF. 2005. A specific immunoglobulin A (IgA) reactive protein of *Trichomonas vaginalis* homologous to TATA-binding protein-associated factor (TAF). Abstracts of the Annual Meeting of the American Society for Microbiology, Atlanta, GA.

Alderete JF, Mundodi V, **Kucknoor AS**, Garcia A, Tasca T, Chang TH, Nguyen J, Castella P and Alderete JP. 2004. *Trichomonas vaginalis* mucosal adherence, invasion and pathogenesis. Abstracts of the Congress of Parasitology, Tlaxcala, Mexico.

**Kucknoor AS**, Mundodi V and Alderete JF. 2004. Episomally expressed *Trichomonas vaginalis* AP65 in *Tritrichomonas foetus* is surface localized and functions as an adhesin. Abstracts of the Annual Meeting of American Society for Microbiology, New Orleans, LA.

Mundodi V, **Kucknoor AS** and Alderete JF. 2003. Antisense RNA inhibition of ap65 adhesin gene expression in *Trichomonas vaginalis*. Abstracts of the Annual Meeting of the American Society for Cell Biology, San Francisco, CA.

Alderete JF, Garcia AF, Chang TH, Lehker MW, Mundodi V, **Kucknoor AS**, Nguyen J, Benchimol M and Klumpp DJ. 2003. *Trichomonas vaginalis* virulence, cytoadherence and a rapid diagnostic. Proceedings of the International Society for Sexually Transmitted Disease Research (ISSTDR) Congress Ottawa, Canada.

**Somanna A**, Mundodi V, and Gedamu L. 2001. Analysis of Cysteine Protease Gene Regulation in *Leishmania chagasi*. Abstracts of the Annual Meeting of American Society of Tropical Medicine and Hygiene, Atlanta, Georgia.

**Somanna A**, Mundodi V, and Gedamu L. 2001. Structure and Functional Analyses of Cysteine Proteases in *Leishmania chagasi* and *Leishmania donovani*. Abstracts of World Leish II, Crete, Greece.

**Somanna A**, Mundodi V, and Gedamu L. 2000. Cathepsin B-like Cysteine Proteases of *Leishmania donovani* and *Leishmania chagasi*. Abstracts of the Annual Meeting of American Society of Tropical Medicine and Hygiene, 2000, Houston, Texas.

Mundodi V, **Somanna A**, and Gedamu L. 2000. Characterization of Cathepsin L-Like Cysteine Protease Genes From *Leishmania donovani*. Abstracts of the Annual Meeting of American Society of Tropical Medicine and Hygiene, 2000, Houston, Texas.

**Somanna A**, Mundodi V, and Gedamu L. 2000. Isolation And Characterization Of Cathepsin B-Like Cysteine Protease Gene From *Leishmania Chagasi*. Abstracts of the International Congress of Infectious Diseases, Buenos Aires, Argentina.

Mundodi V, **Somanna A**, and Gedamu L. 2000. Characterization of A Multicopy Cysteine Protease Gene Cluster in *Leishmania Chagasi*. Abstracts of the International Congress of Infectious Diseases, Buenos Aires, Argentina.

**Somanna A**, Mundodi V, Farrell P J, Iatrou K, Behie L, and Gedamu L. 1999. Novel expression of functionally active *Leishmania chagasi* cysteine protease as a JHE-fusion protein. Abstracts of the Annual Meeting of American Society of Tropical Medicine and Hygiene, Washington, DC

Mundodi V, **Somanna A**, and Gedamu L. 1999. Organization and Functional Analysis of Cysteine Protease Genes in *Leishmania chagasi*. Abstracts of the Annual Meeting of American Society of Tropical Medicine and Hygiene, Washington, DC.