

Dhananjaya Dendukuri

#258B, 70 Pacific Street
Cambridge, MA 02139
Phone: 617-669-9625(H)
Email: dhanu@mit.edu

EDUCATION

2002-present PhD candidate in Chemical Engineering, **MIT**

2000-2001 MSc - Chemical Engineering, **University of Toronto**

1995-1999 B.Tech - Chemical Engineering, **IIT-Madras**

EXPERIENCE

Feb-March 2004 **Novartis Pharmaceuticals, Basel, Switzerland**
Group leader - 'Optimization of protein drug production'
Project member - 'Implementation of PAT in Biopharma'

April-May 2004 **Cargill Inc., Wayzata, MN, USA**
Group leader - 'Economic viability of biomass gasification'
Project member - 'Conditions for low trans cooking oils'

March-Aug 2002 **National Research Council of Canada, Ottawa**
Research Assistant, Membrane Separations Group, Institute for Chemical
Process Technology,.

May-July 1998 **Center for Cellular and Molecular Biology, Hyderabad, India**
Summer Intern - Studied virulence in rice pathogens

May-July 1997 **Dr. Reddy's Labs (NYSE:RDY)**
Summer Intern - Marketing

SKILLS

Lab

- Soft lithography, microfabrication
- Optical, fluorescent microscopy
- Membrane-processing equipment (TFF systems)
- Batch-fermentors

Computer

- FLUENT 6.0, AUTOCAD, Aspen, ACM, IDL
- MATLAB, FORTRAN and C
- Operating Systems: *UNIX, Windows*

PUBLICATIONS

Dendukuri, D and L.L. Diosady. '*A microfiltration based process for the recovery of oil-free protein isolates from full-fat, dehulled mustard flour*'. Journal of the American Oil Chemists Society, 80(3),287-294,2003

Karode, S.S, A. Kumar and D. Dendukuri, '*Flow visualization through spacer filled channels by CFD-II: Design of an improved feed spacer*' (submitted to Journal of Membrane Science)

RESEARCH & AWARDS

- Class of 1922 Award, MIT stipend for first year, 2002
- Best Student Paper - American Oil Chemists Society (Canadian Section) Conference, 2001
- Institute Blue: awarded to students for all-round excellence and contribution to the IIT community, 1999
- Best Student Presentation: "Biotechcellence" Conference at the Center for Biotechnology, Anna University, Chennai, 1997

ACTIVITIES

- Screening Committee, Indus Global Technovators Award (2003-4)
- Editor - "Focus", campus magazine at IIT, Madras (1997-98)
- Elected Speaker, Student Affairs Council, IIT, Madras (1998-99)
- President, Student Dramatics Society, IIT, Madras (1998-1999).

AFFILIATIONS Student Member: American Institute of Chemical Engineers (AIChE)

INTERESTS Student of Carnatic (South Indian classical) violin; tennis; drama.

REFERENCES

Available on request