



Lysalleen 432
4000 Roskilde
Greater Copenhagen
Denmark

(Work)0045 46742780
<http://ruc.dk/~prash>
E mail: prash@ruc.dk

Prashanth Suravajhala

Date of Birth 1st January, 1979

Nationality Indian

Scientific Career

June 2004-



*Pursuing PhD in Soft and Biological matter (Computational Biology of Mitochondrial Mismatch Repair) at Institute for Science, Systems and Models, Roskilde University Centre, Greater Copenhagen, Denmark. Mentor: Dr. Lene Juel Rasmussen **Expected completion: August 2008**

Aug 2003-2004 (Tentatively) Researcher/Trainer in Bioinformatics, Cenitech, Hyderabad, India

Aug 2003-2004 Researcher/Trainer in Bioinformatics, Biosolutions, Hyderabad, India

2003 till August 2002 Research fellow, Department of Genetics, CCS University, Meerut, India
Research fellow, Centre for Cellular and Molecular Biology, Hyderabad, India

Positions accepted

-  Bioinformatics Engineer at Centre for Development of Advanced Computing (CDAC), Pune, A Government of India organization, starts September 1, 2008.
-  Principal Director of Bioinformatics Organization Inc., based in United States, starts September 1, 2008(But would be working virtually)

Education

2000-2002

M.Sc. Biotechnology School of Biotechnology, Guru Ghasidas University, Bilaspur, India
Aggregate 68.00%

1997-2000

B.Sc. Microbiology Kakatiya University, Warangal, India
Aggregate 68.80%

1994-1996

Intermediate Board of Intermediate Education, Hyderabad, India
Aggregate 71.20%

1993-1994

Standard X Board of Secondary Education, Hyderabad, India
Aggregate 68.00%

Research Interests:

Systems Biology of hypothetical proteins
Computational Biology of Mismatch Repair
Mitochondrial Informatics (~Mitomics)
Comparative and functional genomics

Future and current appointments	<ul style="list-style-type: none"> ✚ Reviewer for <u>Systems Biology in present day bioinformatics at IMET 2008 in Florida during June 2008</u> ✚ Organizing committee member of <u>International Society of Computational Biology-Student Council Symposia4 at Toronto, Canada during July '08</u> ✚ An online course to be taught through bioinformatics.org on "<u>Protein-Protein Interactions: Improvised edition</u>" during July 7-11, 2008.
Courses taught	<ul style="list-style-type: none"> ✚ Online Course on '<u>Mitochondriomics: Tools and Techniques</u>' through Bioinformatics.org during November 5- 9, 2007 ✚ A tutorial on Systems Biology in present day <u>Bioinformatics: Tools, Tricks, Ticks and Traps at International Conference on Bioinformatics and Computational Biology at Las Vegas on June 25, 2007</u> ✚ Online course taught through bioinformatics.org on "<u>Protein-Protein Interactions: A Computational Systems Biology Perspectives</u>" during May-June '07 ✚ <u>Systems Biology in present day Bioinformatics: Tools, Tricks, Ticks and Traps taught through Bioclues.org, THREE times.</u>
Accreditations	<ul style="list-style-type: none"> ✚ Founder member of <u>Bioclues.org</u> ✚ Associated with <u>biospot.blogspot.com, an educational blog</u> ✚ Member of <u>Bioinformatics Society of India.</u> ✚ Associated with <u>Inbios.org as one of the resource members and as a moderator for the forum</u> ✚ Member of <u>International Society of Computational Biology(ISCB)</u> ✚ Chair for <u>ISCB Regional Student group, Denmark</u> ✚ Member of organizing committee, <u>ISCB Student Council Symposia in Vienna, July 2007.</u> ✚ Mentor through ISCB affiliated <u>MentorNet</u> programme. ✚ Member of <u>Genome India International, genome-india-intl.org</u> and have been associated with it as one of the joint Secretaries and webmaster. ✚ Member of <u>Mitochondrial Research Society</u> ✚ Member of <u>Mitoaction.org</u> ✚ Member of <u>European Federation of Biotechnology</u> ✚ Member of <u>International Rotaract Club of Copenhagen, Denmark</u> ✚ Member of <u>Danish Nature forum</u> ✚ Member of <u>Danish Vegetarian Society</u> ✚ Member of <u>InterNiche.org</u> and <u>Anima.dk</u> ✚ Member of <u>Rotaract organization, Rotary International since 1998</u>
Credits	<ul style="list-style-type: none"> ✚ Developer of wiki for <u>biodenmark.org</u> ✚ Reviewer for <u>Bio-Medical Informatics and Cybernetics: BMIC 2007</u> ✚ Reviewer for "Systems Biology and Protein-Protein Interactions" towards <u>ISCB Student Council Symposia in Toronto, July 2008.</u> ✚ Reviewer for "Systems Biology and Protein-Protein Interactions" towards <u>ISCB Student Council Symposia in Vienna, July 2007.</u> ✚ Resource member at a national workshop on <u>Bioinformatics : A computational Biology of the Millennium</u> at Chhattisgarh Institute of Medical Sciences, Guru Ghasidas University, Bilaspur, India during July 14-16.'03 ✚ Had been as a Good Will Ambassador to Kolkata under the <u>Rotaract team, District 3150</u>.for the year 1998-'99.
Publications	<p>2008</p> <ul style="list-style-type: none"> ✚ Prashanth Suravajhala and Rajib Bandopadhyay. Book chapter titled <i>Omic: What next ? GENOMICS AND PROTEOMICS; GENOME SCIENCE AND MOLECULAR MEDICINE</i> series; Bioscience Publications, March 2008. ✚ Claus Desler and Prashanth Suravajhala, <i>Mitochondriomics: Tools and Techniques</i>, DVD, Electronic publication, Bioinformatics.org ✚ Rohit Reja, Venkatakrishnan A.J., Sandeep Kumar Yelakanti, Vishal Kumar Nangala, Umesh Roy, Rajib Bandopadhyay and Prashanth Suravajhala. Host pathogenesis and lateral gene transfer revisited: Challenges to evolution. <i>Recomb 2008 in Singapore</i> <p>2007:</p> <ul style="list-style-type: none"> ✚ <i>P Suravajhala. Hypo, hype and 'hyp' human proteins Bioinformation Vol 2(1), 31-33</i> ✚ Protein-Protein Interactions, DVD, <i>Electronic publication</i>, Bioinformatics.org, Link ✚ Prashanth Suravajhala et al, Identifying the function of hypothetical proteins: A Bioinformatical approach <i>Biocomp 2007</i> <p>2006:</p> <ul style="list-style-type: none"> ✚ Prashanth Suravajhala <i>Biotoons, Frog publications. Link to Amazon</i> ✚ Prashanth Suravajhala et al Is B3BP a candidate cancer protein? Link to the poster <p>2005:</p>

- ✚ Mikkel Nielsen and Prashanth Suravajhala. Microarray analysis of human bladder carcinoma in silico. [Link to the article](#)

2004:

- ✚ Prashanth Suravajhala. Cheminformatics: Rationalizing the Drug Design In Silico. [Link to the perspective article](#)

2003:

- ✚ PK Gupta *et al.* S N Prashanth Development and use of molecular markers for QTL mapping and genomics research in bread wheat. [Link to the article](#)

Publications under review

- ✚ Prashanth Suravajhala et al. Introducing the human hypome *under review*
- ✚ Systems Biology in present day Bioinformatics: Tools, Tricks, Ticks and Traps *in press*

Abstracts presented, talks, colloquiums and other presentations

- ✚ Talk on '*Hypomics*': *A New Term for Old Tricks in Elucidating the Function of Hypothetical Proteins?* ... Approaching Systems Biology in a virtual conference on Bioinformatics to Systems Biology on November 16, 2007
- ✚ "*Hypo, hype and Hyp*", a talk at [Biocomp 2007 in Las Vegas on June 26, 2007.](#)
- ✚ *Biotoons: Cartoons in Biology* at Denmark Research day on May 5, 2007
- ✚ A short review on a book titled Power, Sex and Suicide [Link to the review](#)
- ✚ A short review on iHOP [Link to the review](#) Sparrows... oops! Where have these birds gone? A genomics perspective. Abstract at Denmark Research and knowledge centre for Forskningsdag 2005.
- ✚ "Cheminformatics: rationalizing the drug designing in silico", Current Trends in Chemical research, (souvenir released by Gauhati University, Guwahati February 27-28, 2004) p40.
- ✚ "Microorganisms and diseases: (An) in silico approach" at a seminar on Biotechnological approaches for the management of plant diseases, at Jaipur, India during January 30-31, 2004.
- ✚ Bioinformatics and Cheminformatics: Are they happening? At PACE computer education, Dilsukhnagar branch, Hyderabad, India on November 30, 2003.
- ✚ Bioinformatics: an emphasis in lieu of Agriculture at [Directorate of Oilseed Research, Hyderabad](#), India on October 22, 2003.
- ✚ Presented the following:
 - THE PROTEIN FOLDING: An emphasis to Bioinformatics (Structural) software
 - Bioinformatics: The current excitement in Biology
 - posters on Bioinformatics :An overview at overview at WBCBM '03 at Chhattisgarh Institute of Medical Sciences, Guru Ghasidas University, Bilaspur, India during July 14-16.. '03
- ✚ A colloquium titled "The Future Outlook of Biodiversity: Combating the threat of extinction" and with Biodiversity of Chhattisgarh as addendum at seminar on Biodiversity held at Gwalior, India in November 2001.
- ✚ A colloquium titled "Bioinformatics - the marriage between Biotechnology and Information Technology" at the National seminar on recent advances in Biochemical Researches at Belha, Bilaspur, India in November 2001.
- ✚ A colloquium titled "The Future Outlook –Bioremediation: steps in implementation" at National symposium on Bioremediation at Bhilai in October, 2001.
- ✚ Presented seminars on E commerce – Converting visitors into Buyers, The C # and .NET Technologies, Roti, Kapada, Makhan and the Internet, E mail Techniques, Y2k problem etc whence working as instructor at various institutes .
- ✚ [EMBRACE Workshop on Client Side Scripting for Web Services](#) during February 6 - 8, 2008 at CBS, BioCentrum-Denmark Technical University
- ✚ [Symposium on Biotechnology Research](#) at DTU, Denmark on 8th November, 2007.
- ✚ [Nobel prize meeting: RNA interference](#) on May 30, 2007
- ✚ [Danish Cancer Society of Molecular Biology of Colorectal cancer](#) on November 23, 2006.
- ✚ Symposium on [Systems Biology of Signal Transduction and Gene Transcription Networks in Health and Disease](#). Sponsored by Novo Nordisk A/S and the RTK Consortium. Hagedorn Research Institute Auditorium, Gentofte, Denmark. March 27, 2006.
- ✚ [Sixth Swedish Bioinformatics Workshop for PhD students and Postdocs](#) during november 25-26, 2005 at conference centre Wallenberg, Göteborg
- ✚ [First Biosys meeting on systems Biology at Royal library](#), Copenhagen on November 15, 2005.
- ✚ [BRIC Symposium on Cancer Biology](#), at Symbion Science Park on May 27, 2005.
- ✚ [Medicon Valley Academy](#) meeting on Statistics and Bioinformatics for Molecular Biology at Carlsberg Academy, Copenhagen on December 8, 2004

Participations in meetings, training, seminars and workshops

	<ul style="list-style-type: none"> ✚ Workshop on MATLAB from M/S Mathworks at Hotel Hilton International on 18th November, 2004 ✚ Workshop on the <u>ethical aspects of patenting human genes and stem cells</u> organized by Danish council of ethics at Copenhagen on September 28, 2004 ✚ Workshop on <u>Applied Functional Genomics</u> at Aarhus, Denmark during August 21-24, 2004. ✚ Satellite symposium on “Molecular Aspects of Cellular Signaling” at University of Hyderabad during December 3-4, 2003. ✚ International exhibition and conference on Biotechnology- BIOTEC at <u>HITEX, Hyderabad</u> during September 24-27, 2003. ✚ National symposium on Molecular Biology in India: A Post Graduate Update on January 18, 2003 at Cancer hospital and research centre, Gwalior, India. ✚ International seminar on “<u>The Current Excitement in Biology</u>” at <u>Centre for Cellular and Molecular Biology</u>, Hyderabad, India during November 24-29, 2002. ✚ International symposium on Environment and Public Health at Indian Institute of Chemical Technology, Hyderabad, India during November 22-23, 2002. ✚ Participant of a course titled Electrophoresis techniques in the <u>Electrophoresis Institute, Yercaud</u>, India in May, 2002. ✚ Had been as a project trainee at <u>Central Rice Research Institute, Cuttack</u>, India on Molecular Biology Techniques during March-May 2002. ✚ National seminar on Biotechnology: Microbes to man held at <u>Utkal University, Bhubaneswar</u>, India during March 30-31, 2002. ✚ National seminar on Role of antimicrobials for sustainable Horticulture and exhibition on Production and culture of Mushrooms at <u>Indira Gandhi Agricultural University, Raipur, India</u> on January 20, 2002. ✚ National workshop on Genomics and Proteomics at the <u>Institute of Microbial Technology (IMTECH), Chandigarh, India</u> in November 2001. ✚ Workshop on Pollution control and Environmental Regulations organised by FAPCCI, Hyderabad chapter on June 28, 2003. ✚ 43rd DAE solid-state Physics symposium held at Guru Ghasidas University, Bilaspur in December 2000. ✚ National seminar on soft computing held at Guru Ghasidas University, Bilaspur in October 2000.
PhD projects	<ul style="list-style-type: none"> ✚ Mismatch repair in Mitochondria: Functional and comparative genomics perspective! ✚ HYPothetical protein InteractOME: The human HYPOME ✚ RepairRUC: A web interface for Mismatch Repair ✚ Microarray analysis of human bladder carcinoma <i>in silico</i>
PhD credits and courses	<ul style="list-style-type: none"> ✚ Introduction to Systems Biology, November 20-21 2006, CBS - DTU ✚ Non-coding RNA and RNA informatics, September 14-15 2006, Center for Bioinformatics – KVL ✚ <u>PhD course on Soft and Biological Matter</u>, RUC.DK, Autumn 2006 ✚ Gene technology course at Roskilde University during January-February 2005 ✚ Microarray and Bioinformatics at Technical University of Denmark during January 2005 ✚ Biological sequencing analysis ONLINE at Technical University of Denmark from April 4-15, 2005.
Other project associations	<ul style="list-style-type: none"> ✚ Elucidating the function of orphan genes through Systems Biology approaches, hosted at bioclues.org and bioinformatics.org ✚ Transfer of genes from Bacteria to Humans: Approaching Systems Biology through Evolution and Bioinformatics (<i>Assigning Streptococcus pyogenes as a gizmo</i>) hosted at bioclues.org
Projects previously associated	<ul style="list-style-type: none"> ✚ Identification of Protein Tyrosine Phosphatases in dog <i>in silico</i> (controlling scattering factor/Hepatocyte Growth Factor-induced scattering response of epithelial MDCK cells) ✚ Expression profiling of human oncogenes in normal and cancerous tissues: An <i>in silico</i> SAGE analysis. ✚ QTL analysis of grain protein content in bread wheat ✚ In silico expression profiling of osteoporosis and related diseases(project allusion) ✚ Gene prediction analysis of <i>Passer spp</i> : (Are these birds related with <i>G gallus</i>?) an evolutionary genomics study
Wet lab	<ul style="list-style-type: none"> ✚ Molecular identification of <i>Wolbachia</i> in Rice storage Insects

Work Experience	<ul style="list-style-type: none"> ✚ Worked as a project guide and tutor at Roskilde University Centre, Denmark during spring 2005. ✚ Worked as a trainer in Bioinformatics for Biosolutions, Hyderabad, India from March 2003-June 2004. ✚ Worked as a trainer in Bioinformatics for <u>Centre for IT Competence and Technologies (Cenitech), Hyderabad, India</u> from September 2003-June 2004. ✚ Worked as a research fellow in <u>Molecular Biology Laboratory, CCS University, and Meerut, India</u> during January-June, 2003. ✚ Worked as project trainee and project fellow (tentatively) at <u>Centre for Cellular and Molecular Biology, Hyderabad, India</u> during May-November, 2002. ✚ Worked as a project fellow at <u>Central Rice Research Institute, Cuttack, India</u> during March-May, 2002
Teaching experience and Courses taught	<ul style="list-style-type: none"> ✚ Taught virtual courses through bioclues.org and bioinformatics.org ✚ Worked as an online lecturer in Biology for Adaequare info limited, Hyderabad, India during October-December 2003. ✚ Worked as a trainer in Bioinformatics and Molecular Biology for <u>Vivekavardhani Degree and PG College, Kothagudem, India</u> from December 2002-February 2003. ✚ Worked as a guest lecturer in Bioinformatics and Biotechnology at <u>Guru Ghasidas University, India</u> during 2nd and 3rd week of January, 2003. ✚ Worked as a part time instructor for Third Millennium Group Computer Education at Bilaspur, India, during August 2001 to February 2002. ✚ Worked as a part time instructor for ICIT Computer Education, Bilaspur, India, during August 2001 to February 2002. ✚ Worked as a part time instructor for nisiet CAT Computer Education at Kothagudem India for a period of 1 Year and 4 Months. ✚ Worked as a part time instructor for Current Trends and Tekniks at Kothagudem Collieries, Andhra Pradesh, India for 1 year.
Favorite pursuit	Free lancing and traveling
Extra curricular Activities	<ul style="list-style-type: none"> ✚ Blogger at ABCtales ✚ Associated with Axistive - Assistive Technology News, Portal and volunteermatch.org as a scientific editor ✚ Associated with Rotaract clubs of India and Denmark. ✚ Served as chartered president for the Rotaract club of SMILE in various capacities (<u>Joint secretary and comparative functional as chairperson for ethics Rotaract clubs under RI. District #150</u>) ✚ For Rotary Club in lieu to the polio eradication programme ✚ Won the best serving Rotaractor award (2000) for the various portfolios ✚ For Highly Intelligent Dakshin Bharat Hindi Prachar Sabha, India in teaching schooling. ✚ For MS.dk, GiveIndia.org, srivirinchi.org, UNICEF, Varikuntapadu.com Project, CRY and Help age India, ✚ Released literature request soft copies (e notes) :THE INTERNET - A GLOSSARY and compiled a set of 5 books on Introduction to Computers, An over view on operating Systems, MS Office Professional, C Programming 4 U and the Internet Concepts. These were named as GYAN GANGA in Chhattisgarh region of India containing above said literature.
Miscellaneous Qualifications (Information Technology)	1999 A Certificate of PGDCA from a franchisee of Current Trends and Tekniks, Hyderabad, India
SKILL SET	OPERATING SYSTEM: DOS, WINDOWS, UNIX, LINUX, Macintosh. APPLICATION: MS OFFICE Professional LANGUAGES: Perl, C, C++, HTML, HTML, R RDBMS: Foxpro, Access, Oracle MISCELLANY: SAD, MIS , LAN
Languages known	Telugu, Hindi, English (and breakthrough in Sanskrit, Danish, Italian)
Referee(s)	To be had on request <i>Last updated: April 22, 2008. 1600hrs:GMT</i>

