

CURRICULUM VITAE

**Dr.SHIVAVEERAKUMAR S. M.Sc. Ph.D.
CHANDRIKIMATH**



S/o Shashigangadhar
H. No. 10-2/58,
Sangameshwar Colony,
Gulbarga – 585 103
Mobile No.: +91-9986636301
+91-9844680590
E-mail: shiv_math1984@rediffmail.com

Objective:

To be associated with an Organization/Institution where my knowledge and skills are utilized and which provides an opportunity to enhance my knowledge and skills.

ACADEMIC PROFILE:

Presently working as **Full time Guest Faculty/Lecture** in the Department of **Microbiology**, Gulbarga University, Kalaburagi, since **from October, 2014**

Teaching Subjects: Microbiology, Microbial Genetics, Food Microbiology, Agricultural Microbiology, Biochemistry, Enzymology, Entrepreneurship Development and Environmental Microbiology

During Ph.D.: Selected for **CIMO International Research Fellowship**

Since Aug. 2011 to Mar. 2012 Worked at Department of Environmental Sciences, **Helsinki University**, Niemenkatu 73, Lahti – 14150, **Finland**

Ph. D. in Microbiology (Registered in 2008-2014)

Registration in 2008

Department of Microbiology, Gulbarga University, Gulbarga.

Research Guide: Dr. Dayanand Agsar, Professor of Microbiology.

M. Sc. in Microbiology (2005-2007)

Department of Microbiology, Gulbarga University, Gulbarga.

Class: 67.75% Aggregate

B. Sc. Integrated Biotechnology (2002-2005)

Vishveshwariah College of Applied Science, Gulbarga.

Class: 78.92% Aggregate.

RESEARCH AND TEACHING PROFILE:

RESEARCH EXPERIENCE (5 years):

- Completed project “Recent trends in actinobacterial diversity of compost and their potential bioactive molecules’ with 16S rDNA and Metagenomic approach by Pyrosequencing” funded by TEKES and National institute of occupational health and Centre for International Mobility and cooperation, Finland from August, 2011 to February, 2012.
- Completed thesis of Ph.D. programme entitled: “Production of tyrosinase by actinomycetes and their molecular characterization with metagenomic attributes” under the guidance of Dr. Dayanand Agsar, Professor of Microbiology Gulbarga University, Gulbarga since from May, 2008 to till the date.
- Completed project “Isolation, antibiogram and plasmid curing of aetiological agents of urinary tract infection” under the guidance of Dr. C. T. Shivannavar, Professor of Microbiology, Gulbarga University, Gulbarga from April, 2007 to October, 2007.
- Completed project on “Detection of Potential Proteolytic Microorganisms” under the guidance of Dr. Sarvamangala R. Patil, Vishveshwariah College of Applied Science, Gulbarga from March, 2004 to September, 2004.

TEACHING EXPERIENCE (4.4 Years till the date):

- Since from May, 2008 actively involved in academic activities as theory and practical (Microbiology, Microbial Genetics, Food Microbiology, Agricultural Microbiology, Biochemistry, Enzymology, Entrepreneurship Development and Environmental Microbiology) classes for the Post Graduate in Microbiology studies.

PAPERS ACCEPTED/ PUBLISHED: (6)

- Raghavendra H., **Shivaveerakumar S.**, Bi Bi Zainab Mazhari., Dayanand Agsar., Development of Upstream Bioprocess for The Production of Tyrosinase by *Streptomyces* DRN34 in Synthetic Medium and Agrowaste Extracts. *Current Microbiology and Applied Sciences*. Vol 4: (2): (2015): 370-381.
- Raghavendra H., Madhusudhan DN., **Shivaveerkumar.**, Dayanand Agsar., UV Induced mutations for increased production, purification and characterization of *Streptomyces* tyrosinase. *Int. J. Adv. Res. Biol.Sci*. Vol 2, (2): (2015): 1-9.
- **S. Shivaveerakumar**, D.N. Madhusudhan, H. Raghavendra, Dayanand agsar, Screening of *Streptomyces* and process optimization for the production of tyrosinase. *Journal of Pure and Applied Microbiology*. 8(8), (2013): 3245-3252.
- Mousumi das, **S. Shivaveerakumar**, Dayanand agsar, Production of L-Glutaminase by *Streptomyces rochei* detected from the lime stone quarries of deccan trap. *Journal of Pure and Applied Microbiology* 2251-2260, Vol 7(3), (2013): 2251-2260.
- **S. Shivaveerakumar**, D.N.Madhusudhan, Dayanand agsar, Merja Kontro, Catalytic zone, a novel screening approach for the extracellular tyrosinase by *Streptomyces vinaceusdrappus* DSV5. *Journal of Pure and Applied Microbiology*. Vol 7, (4), (2013), 2799-2808.
- Hiremath Jyothi, **Shivaveerakumar**, Rathod Vandana, Production of L-Glutaminase by *Pseudomonas* VJ-6. *Research Journal of Biotechnology*, Vol 6(3), 2011: 42-49.

BOOK CHAPTER:

- **Shivaveerakumar S.**, Hui, N., Kirsi, M., Dayanand A., Auvinen, P., Laitinen S. and ^{2*}Kontro M. H. "The Relation Between the Actinobacterial Succession and Microbial Safety in Aerobic Waste Treatment (Composting). *Advances In Biotechnology*, 115-126.

CONFERENCES/WORKSHOP/SEMINAR PARTICIPATED

- **Presented a poster** in National Conference on Role of Science and Technology in Environmental Protection entitled "Production of tyrosinase by solid state fermentation" organized by Deccan Environmental Research Organization, Vijayapur from 29th December, 2015
- Attended one day International Technical seminar on Contemporary Advances in Biotechnology and Allied Sciences, organized by Department of Biotechnology, SIT, Tumkur on 20th May, 2015.
- **Presented a Paper** in two days National seminar on Recent Trends in Biodiversity of India, entitled "Detection of actinomycetes for the production of melanin by tyrosinase" held at M.S.I. Degree College, Gulbarga on March 11-12, 2014.
- Participated in two days KSTA regional conference on Science and technology for development organized by Central University of Karnataka, School of Earth Sciences, on 30th and 31st January 2014.
- **Presented a poster** in International conference on Advances in Biotechnology and Bioinformatics entitled "Evaluation of upstream bioprocess for the enhanced production of tyrosinase by *Streptomyces vincedrauppus*" held at Dr. D.Y. Patil Vidyapeeth Pune from Nov. 25-27, 2013.
- Participated in the National conference on Nanotechnology's Invisible Threat: Small Science, Big Consequences" organized by Mahatma Gandhi National Institute of Research and Social Action (MGNIRSA), Hyderabad from 26-27, September, 2013.
- Attended one day seminar on Food Security and Natural Resources Management sponsored by University Grants commission New Delhi, organized by Faculty of Science and Technology Gulbarga University, Gulbarga on 8th October, 2012.
- Attended two days workshop on Research Methodology for Life Science Research Students organized by Department of Biotechnology, Gulbarga University, Gulbarga from 29th -30th May, 2012
- **Presented a poster** in First National Conference on Recent Advances in Nanobiotechnology entitled "Protoplast fusion in *Streptomyces* for enhanced production of L-Glutaminase and Tyrosinase" held at Post Graduate Department of Studies and Research in Biotechnology, Gulbarga University, Gulbarga from 20th to 21th March, 2012
- Participated in National Seminar on Environment Education for Sustainable Development organized by Purushottam Walwalkar Higher Secondary School, Mapusa in collaboration with Centre for Environment Education, Goa from 25th to 27th November, 2010.
- Participated in State Inter University Symposium (Biochemistry, Biotechnology, Microbiology and Bioinformatics) sponsored by Vision Group on Science and Technology, Department of Science and Technology, Government of Karnataka, held at Gulbarga University, Gulbarga on 3rd and 4th March, 2010.
- Attended National Symposium on "Role of Biology and Biotechnology in Conservation of Biodiversity and Sustainable Development" held at Department of Botony, Gulbarga University, Gulbarga from 22nd - 24th December 2009.
- **Presented a poster** entitled "Production of Tyrosinase by novel isolates of *Streptomyces*" organized by 50th Annual Conference Association of Microbiologist of India held at National Chemical Laboratory, Pune from 15th to 18th December 2009.
- Attended seminar on "Advances in Nanotechnology" organized by Vishweshwariah College of Applied Sciences, Gulbarga, Nov, 2009.
- Attended second National conference on Science and technology organized by Karnataka Science and Technology Academy and Gulbarga University Gulbarga on Sept 23 - 25, 2009.
- Participated in symposium "Antimicrobial Resistance" organized by Sir Dorabji Tata Centre for Research in Tropical Diseases, held at Department of Microbiology and Cell Biology, Indian Institute of Science, Bangalore on March 10 - 11, 2008.
- **Presented a poster** entitled "Isolation, antibiogram and plasmid curing of aetiological agents of urinary tract infection" organized by 2nd National Conference on Biotechnology for industrial and rural development (NCBIRD 2008) held at Department of Biotechnology, Gulbarga University, Gulbarga from 17th to 19th January 2008.
- Attended the One Day Awareness Training Programme on Biodiversity Related Issues and People's Biodiversity Register, organized by Department of Biotechnology, Gulbarga University, Gulbarga and Karnataka Biodiversity Board, Bangalore held at Department of Biotechnology, Gulbarga University, Gulbarga from 21st September 2007.
- Participated One Day Seminar on Genomics and Biotherapy at Vishweshwariah College of Applied Sciences, Gulbarga on 19th April 2007.
- Attended the workshop on Intellectual Property Rights organized by the Department of Law, Gulbarga University, Gulbarga and Centre for Intellectual Property Rights, Research and Advocacy (CIPRA), National Law School of India University (NLSIU), Bangalore held at Gulbarga University, Gulbarga on February 28th - 1st March 2005.

TRAINING PROGRAMMES ATTENDED:

- Successfully completed one month Crash course on Bioinformatics conducted by Gulbarga University Gulbarga on March 1st - 31st 2009.
- Successfully completed Diploma in Advanced English conducted by Oxford English Academy, Gulbarga on 10th June - 10th August 2009.
- Successfully completed the course in Techniques in Molecular Biology organized by Central Food Technological Research Institute held at CFTRI, Mysore from 5th - 16th June 2006.
- Participated in one day training programme on "In Vitro Fertilization" organized by Centre for Infertility Management, Hyderabad held at MHRI Centre for Infertility Management, Hyderabad on 1st October 2004.

BIOGRAPHICAL DETAILS:

Father's Name : Shashigangadhar S.
Date of Birth : 10th October 1984
Sex : Male
Languages Known : English, Hindi, Kannada and Telugu
Corresponding Address : Department of Microbiology,
Gulbarga University,
Gulbarga – 585 106
Nationality : Indian
Religion : Hindu
Marital Status : Married

REFERENCE**Dr. Dayanand Agsar**

Professor
Department of Microbiology,
Gulbarga University,
Gulbarga - 585 106
Karnataka - India.
Ph. No. 0091-8472-247180 (O)
Mobile No.: +91-9448213398
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Dr. Merja Kontro

Associate Professor
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Helsinki University,
Niemenkatu 73, Lahti
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Dr. K Lingappa

Professor
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Karnataka – India
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Mobile. No. +919448204513
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Declaration:

I hereby declare that the information furnished here is correct and true to the best of my knowledge.


Place: Gulbarga, India

Date: 28.07.2017

(Dr. Shivaveerakumar S.)

Degree Certificates

ಗುಲಬರ್ಗಾ ವಿಶ್ವವಿದ್ಯಾಲಯ
GULBARGA UNIVERSITY



ಗುಲಬರ್ಗಾ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಕುಲಾಧಿಪತಿ, ಸಹಕುಲಾಧಿಪತಿ, ಕುಲಪತಿ ಮತ್ತು ವಿದ್ಯಾ ವಿಷಯಕ ಪರಿಷತ್ತು
ಮತ್ತು ಸಿಂಡಿಕೇಟಿನ ಸದಸ್ಯರಾದ ನಾವು

ಶಿವವೀರಕುಮಾರ ಶಶಿ ಗಂಗಾಧರ

ಅವರು ಎಪ್ರಿಲ್ ೨೦೦೫ ರ ಬ್ಯಾಚಲರ್ ಆಫ್ ಸಾಯಿನ್ಸ್ (ಜೈವಿಕ ತಂತ್ರಜ್ಞಾನ) ಪದವಿ
ಪರೀಕ್ಷೆಯಲ್ಲಿ ಪ್ರಥಮ ವರ್ಗದಲ್ಲಿ ಉತ್ತೀರ್ಣರಾಗಿದ್ದಾರೆಂದು ಧೃಢೀಕರಿಸಿ ಅವರಿಗೆ

ಬ್ಯಾಚಲರ್ ಆಫ್ ಸಾಯಿನ್ಸ್
(ಜೈವಿಕ ತಂತ್ರಜ್ಞಾನ)

ಪದವಿಯನ್ನು ಗುಲಬರ್ಗಾದಲ್ಲಿ ೯ನೇ ಜನವರಿ ಎರಡು ಸಾವಿರದ ಆರರಂದು ನೀಡಿದ್ದೇವೆ.

ಈ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಮುದ್ರೆ ಮತ್ತು ಕುಲಪತಿಗಳ ರುಜುಗಳಿಂದ ಇದನ್ನು ಪ್ರಮಾಣೀಕರಿಸಲಾಗಿದೆ.

We, the Chancellor, the Pro-Chancellor, the Vice-Chancellor and Members
of the Academic Council and Syndicate of Gulbarga University certify that


SHIVAVEERAKUMAR SHASHI GANGADHAR
has passed the examination for the degree of Bachelor of Science
(Biotechnology) in April, 2005 in First Class. The degree of


Bachelor of Science
(Biotechnology)

has been conferred on him/her at Gulbarga
on the 9th day of the month of January in the year Two Thousand Six.

In testimony whereof are set the seal of the said University and the
signature of the Vice-Chancellor.

ಗುಲಬರ್ಗಾ
Gulbarga





ಗುಲಬರ್ಗಾ ವಿಶ್ವವಿದ್ಯಾಲಯ
GULBARGA UNIVERSITY



ಗುಲಬರ್ಗಾ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಕುಲಾಧಿಪತಿ, ಸಹಕುಲಾಧಿಪತಿ, ಕುಲಪತಿ ಮತ್ತು ವಿದ್ಯಾ ವಿಷಯಕ ಪರಿಷತ್ತು
ಮತ್ತು ಸಿಂಡಿಕೇಟಿನ ಸದಸ್ಯರಾದ ನಾವು

ಶಿವವೀರಕುಮಾರ ಶಶಿ ಗಂಗಾಧರ

ಅವರು ಮೇ ೨೦೦೭ ರ ಮಾಸ್ಟರ್ ಆಫ್ ಸಾಯಿನ್ಸ್ (ಸೂಕ್ಷ್ಮಜೀವಶಾಸ್ತ್ರ) ಪದವಿ
ಪರೀಕ್ಷೆಯಲ್ಲಿ ಪ್ರಥಮ ವರ್ಗದಲ್ಲಿ ಉತ್ತೀರ್ಣರಾಗಿದ್ದಾರೆಂದು ದೃಢೀಕರಿಸಿ ಅವರಿಗೆ

**ಮಾಸ್ಟರ್ ಆಫ್ ಸಾಯಿನ್ಸ್
(ಸೂಕ್ಷ್ಮಜೀವಶಾಸ್ತ್ರ)**

ಪದವಿಯನ್ನು ಗುಲಬರ್ಗಾದಲ್ಲಿ ೧೮ನೇ ಫೆಬ್ರವರಿ ಎರಡು ಸಾವಿರದ ಎಂಟರಂದು ನೀಡಿದ್ದೇವೆ

ಈ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಮುದ್ರೆ ಮತ್ತು ಕುಲಪತಿಗಳ ರುಜುಗಳಿಂದ ಇದನ್ನು ಪ್ರಮಾಣೀಕರಿಸಲಾಗಿದೆ.

We, the Chancellor, the Pro-Chancellor, the Vice-Chancellor and Members
of the Academic Council and Syndicate of Gulbarga University certify that

SHIVAVEERAKUMAR SHASHI GANGADHAR

has passed the examination for the degree of Master of Science
(Microbiology) in May, 2007 in First Class.

The degree of

**Master of Science
(Microbiology)**

has been conferred on him/her at Gulbarga

on the 18th day of the month of February in the year 2007/08 Thousand Eight.

In testimony whereof are set the seal of the said University and the
signature of the Vice-Chancellor.

ಗುಲಬರ್ಗಾ
Gulbarga



Mulimani

GULBARGA



UNIVERSITY

GULBARGA

Sl.No. 06/

850

Date of Provisional Registration..... 15-05-2008.....

No. 08165.....

Certificate of Provisional Registration for Ph.D.

Certified that Shri / Shrimati Shivaveera Kumar

Shashi Gangadhar

has Provisionally registered himself / herself as a post-graduate student of the University for the Degree of Ph.D. in Microbiology (subject) under the guidance of Dr. A. Dayanand at

Dept. / College / Institution. The Area of Research is Production of Tyrosinase by potential actinomycete.

Gulbarga

Date : 1/7/2009


Registrar
Gulbarga University

ಗುಲಬರ್ಗಾ ವಿಶ್ವವಿದ್ಯಾಲಯ
Gulbarga University



ಗುಲಬರ್ಗಾ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಕುಲಾಧಿಪತಿ, ಸಹಕುಲಾಧಿಪತಿ, ಕುಲಪತಿ ಮತ್ತು
ವಿದ್ಯಾ ವಿಷಯಕ ಪರಿಷತ್ತು ಮತ್ತು ಸಿಂಡಿಕೇಟಿನ ಸದಸ್ಯರಾದ ನಾವು

ಶಿವವೀರಕುಮಾರ ಶಶಿ ಗಂಗಾಧರ

ಅವರು ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ ಪದವಿಗೆ ಫೆಬ್ರವರಿ 2014 ರಲ್ಲಿ ಅರ್ಹರಾದುದರಿಂದ ಅವರಿಗೆ

ಡಾಕ್ಟರ್ ಆಫ್ ಫಿಲಾಸಫಿ

(ಸೂಕ್ಷ್ಮ ಜೀವಶಾಸ್ತ್ರ)

ಪದವಿಯನ್ನು ಗುಲಬರ್ಗಾದಲ್ಲಿ 20 ನೇ ಫೆಬ್ರವರಿ ಎರಡು ಸಾಕಿರದ ಹದಿನಾಲ್ಕರಂದು ನೀಡಿದ್ದೇವೆ.
ಈ ವಿಶ್ವವಿದ್ಯಾಲಯದ ಮುದ್ರೆ ಮತ್ತು ಕುಲಪತಿಗಳ ರುಜುಗಳಿಂದ ಇದನ್ನು ಪ್ರಮಾಣೀಕರಿಸಲಾಗಿದೆ.

We, the Chancellor, the Pro-Chancellor, the Vice Chancellor and Members of the
Academic Council and Syndicate of Gulbarga University Certify that

Shivaveerkumar Shashi Gangadhar

has been found duly qualified in February 2014 for the award of the
degree of Doctor of Philosophy. Hence the degree of

**DOCTOR OF PHILOSOPHY
(MICROBIOLOGY)**

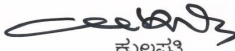
has been conferred on him / her at Gulbarga
on the 20th day of the month of February in the year Two Thousand Fourteen

In Testimony whereof are set the seal of the said University and the signature of the Vice-Chancellor.

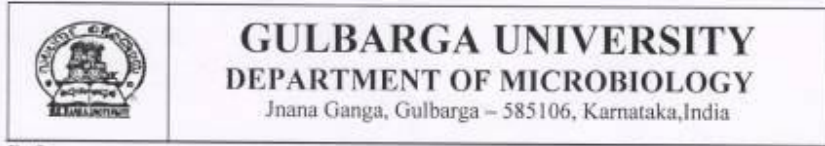
ಗುಲಬರ್ಗಾ
Gulbarga

ದಿನಾಂಕ : 20-02-2014
Date : 20-02-2014




ಕುಲಪತಿ
Vice-chancellor

Research Experience Certificates




Ref

Date: 30.01.2013

RESEARCH EXPERIENCE

This is to certify that, **Mr. Shivaveerakumar S.** is a bonafide student of the Department of Microbiology, Gulbarga University, Gulbarga. He joined for Ph.D. programme on 15.05.2008 under the supervision of Prof. Dayanand Agsar and his registration is confirmed with register No 08165. The title of Ph.D. research work is "Production of tyrosinase by potential isolates of actinomycetes". He has also worked in the University Grants Commission- Major Research Project as Project Fellow from 08.06.2010 to 08.06.2011. Thus he had **Five years** of research experience. **Mr. Shivaveerakumar** bears good character and conduct.


Research Guide
Prof. Dayanand Agsar
Department of Microbiology
Gulbarga University, Gulbarga-585106


Chairman
PROFESSOR & CHAIRMAN
Department of Microbiology
Gulbarga University, Gulbarga

NO: 206/MICRO/12-13/503

2/30/1/13



October 4, 2012

University of Helsinki
Department of Environmental Sciences
Niemenkatu 73
15140 Lahti
Finland

To Whom It May Concern

Shivaveerakumar S (born October 10, 1984) was a visiting student in University of Helsinki, Department of Environmental Sciences between 1.8.2011-29.2.2012 in research 'Recent Trends in Actinobacterial Diversity of Compost and Their Potential Bioactive Molecules' under the supervision of Ph.D. Merja Kontro. Shivaveerakumar isolated microbes from compost, and characterized them by 16S rDNA sequencing. The succession of isolates was compared to that of actinobacteria determined by pyrosequencing. In addition, the enzyme tyrosinase activity of compost microbes was determined on cultivation medium developed in Gulbarga University for the specific detection of tyrosinase producing microorganisms. On the basis of results, one joint publication has already been written, and the other results are now under preparation for publishing.

On behalf of University of Helsinki, we confirm that the results Shivaveerakumar got in University of Helsinki as a visiting researcher can be included as a part of his Ph.D. thesis. In addition, with pleasure we confirm that Ph.D. Merja Kontro may act as a supervisor in his thesis at Gulbarga University, Department of Microbiology, Gulbarga, Karnataka, India.


Prof. Timo Kairesalo
Vice Head of Department


Associate Prof. Merja Kontro



VISITED AS ADVANCE RESEARCH FELLOW
To carry out part of present research work at

Department of Environmental Sciences
Helsinki University, Lahti, Finland



Certificate Awarded by Dr. Merja Kontro

**Co-Research Supervisor at
Department of Environmental Sciences,
Helsinki University, Lahti, Finland**



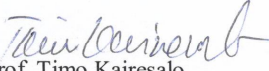
October 4, 2012


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Department of Environmental Sciences
Niemenkatu 73
15140 Lahti
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To Whom It May Concern

Shivaveerakumar S (born October 10, 1984) was a visiting student in University of Helsinki, Department of Environmental Sciences between 1.8.2011-29.2.2012 in research 'Recent Trends in Actinobacterial Diversity of Compost and Their Potential Bioactive Molecules' under the supervision of Ph.D. Merja Kontro. Shivaveerakumar isolated microbes from compost, and characterized them by 16S rDNA sequencing. The succession of isolates was compared to that of actinobacteriadetermined by pyrosequencing. In addition, the enzyme tyrosinase activity of compost microbes was determined on cultivation medium developed in Gulbarga University for the specific detection of tyrosinase producing microorganisms. On the basis of results, one joint publication has already been written, and the other results are now under preparation for publishing.

On behalf of University of Helsinki, we confirm that the results Shivaveerakumar got in University of Helsinki as a visiting researcher can be included as a part of his Ph.D. thesis. In addition, with pleasure we confirm that Ph.D. Merja Kontro may act as a supervisor in his thesis at Gulbarga University, Department of Microbiology, Gulbarga, Karnataka, India.


Prof. Timo Kairesalo
Vice Head of Department


Associate Prof. Merja Kontro

