

# RESUME



## PERSONAL PROFILE

- Name**  
Ramesh Kothari
- Birth Date**  
January 10, 1971
- Current Designation**  
Professor & Head
- Institution**  
UGC-CAS Department of Biosciences,  
Saurashtra University,  
Rajkot-5, Gujarat (INDIA)
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+91-9428598941
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kothari1971@gmail.com (Personal)  
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## Ramesh Kothari, Ph.D.

Professor & Head  
Department of Biosciences  
Coordinator, Institute of Biotechnology  
Saurashtra University, Rajkot-5



## EDUCATION

- Post-Doctoral Research**  
University of Medicine & Dentistry of New Jersey  
(UMDNJ- Now Rutgers University), Newark, USA (2012)
- Ph.D.** (Microbiology), Saurashtra University, Rajkot, INDIA (2003)
- M.Sc.** (Microbiology), Saurashtra University, Rajkot, INDIA (1996)
- B. Sc.** (Microbiology), Saurashtra University, Rajkot, INDIA (1994)
- CES** (Environmental science), IGNOU, New Delhi, INDIA (2004)
- CDM** (Disaster Management), IGNOU, New Delhi, INDIA (2004)
- IPR** (Certificate course on Comprehensive Online Intellectual Property Rights (online) (2020)
- Certificate course on Lessons From Ebola: Preventing the Next Pandemic online learning initiative of Harvard University (online) (2020)

## PROFESSIONAL

Teaching and Research experience: 23 Yrs.

## RESEARCH

- Research Area:** Agricultural Microbiology, Probiotics, Environmental Microbiology,

Research Publications		
International	National	Cumulative impact factor (IF)
45	01	100+

- Research publications in national conference proceeding: 12**

Citations, Impact factor, h-index, and i-10 index (as of 01.11.2022)					
Citations		h-index		i-10 index	
all - 889	Since 2018 - 531	all - 16	Since 2018 - 13	all-20	Since 2018 - 14

Research Guidance				
Ph.D.		M.Phil.	M.Sc. Dissertation	
Completed	Pursuing	Completed	Completed	Pursuing
15	05	08	43	05

## AWARDS & GRANTS

### 2021: Bill & Melinda Gates Foundation Travel Award for Scientists from low and low middle-income countries

To attend World Microbe Forum, June 20-24, 2021, a joint digital between ASM Microbe 2021 and FEMS2021

### 2019: International Travel Award

Sfam international travel Grant to attend an international conference organized by the Federation of European Microbiological Societies (FEMS-2019) held in Glasgow, Scotland, United Kingdom, during July 07-11, 2019

### 2017: Award

"Best Educationist Award" and a "Certificate of Education Excellence." International Institute of Education & Management, New Delhi, June 03, 2017.

### 2015: DRDE Research Grant

A major research project on "Air monitoring to build a Basic Database for Microflora in and Around Rajkot, Gujarat" was sanctioned in 2015 by the Defence Research and Development Establishment (DRDE), an Indian defense laboratory of the Defence Research and Development Organisation (DRDO) of Government of India.

### 2015: UGC-ePG Pathshala Research Grant

We are creating e-Content for postgraduate students on a Biochemistry course, namely Metabolism of carbohydrates. A total of 30 modules will be developed in the form of e-text, MCQs, and Presentations

### 2015: International Travel Award

DST-SERB international travel Grant to attend an international conference organized by the Federation of European Microbiological Societies (FEMS-2015) held at Maastricht, The Netherland, June 07-11, 2015

Centre for International Co-operation in Science (CICS), INSA-CSIR-DAE/BRNS International travel fellowship to attend an international conference organized by the Federation of European Microbiological Societies (FEMS-2015) held at Maastricht, The Netherland, during June 07-11, 2015.

## Research Projects

Project Type	Title	Funding Agency
Major	Microbiome Study of Healthy and Infected Phyllosphere of Vegetable Crop (Under D.S. Kothari Postdoctoral Fellowship of Dr. Ravindra Pal Singh) (Co-PI)	UGC, Govt. of India
Major	Air monitoring to Build a Basic Database for Microflora in and Around Rajkot, Gujarat (PI)	DRDE, DRDO, Govt. of India
Major	Qualitative Analysis of Drinking Water Reservoirs of Rajkot City: Microbiological & Physicochemical Approach (PI)	IQAC, Saurashtra University, Rajkot, Gujarat, India
Minor	Production, Purification, and Characterization of Thermo Stable/Thermo Tolerant Extracellular Phytase from Bacterial Isolates (PI)	UGC, Govt. of India

## Projects on E-Content Development

Project Type	Title	Funding Agency
E-Content Development	Creation of E-Contents on Fermentation Technology (PI) ( <a href="http://eacharya.inflibnet.ac.in/vidya-mitra/search">http://eacharya.inflibnet.ac.in/vidya-mitra/search</a> )	NMEICT-MHRD, Gov. of India
E-Content Development	Development of E-Contents on Pharmaceutical Microbiology (Co-PI)	NMEICT-MHRD, Gov. of India
E-Content Development	Development of E-Contents on Biochemistry ( <a href="https://epgp.inflibnet.ac.in">https://epgp.inflibnet.ac.in</a> ) (Content Developer)	e-PG Pathashala of UGC, Govt. of India

## Patents

### 1. Complete Patent Application

- Application No: 202121019340
- Title: A liquid formulation of Pseudomonas putida JR9
- Filing date: 27.04.2021
- Publication: 01.07.2022

### 2. Complete Patent Application

- Application No: 202221057630
- Title: A novel formulation of bacterial consortium for plant growth promotion
- Filing date: October 08, 2022

## Conference: presentation (Oral & Poster)/ attended

- International: 22 (Poster presentations)
- National: 80 (Poster presentations); 20 (Oral presentations), 25 (Attended)
- State: 01(Poster presentations); 04 (Attendee) [Total-05]
- Professional training: 20
- Short-term courses – Workshops-Seminars - Symposia organized: 10

## INVITED TALKS

- @ International conference on food science and nutrition organized by Scientex conference at Vienna, Austria during November 12-November 13, 2021 on "Probiotics- A Revolutionary Concept of Human Health"
- @ International Conference on Probiotics and Prebiotics" (PROBIOTICS 2022) organized by Magnus Group in Rome, Italy from June 15- June 16, 2022, on "Probiotics and Prebiotics: An Evolving Aspect for Better Human Health."

## 2014: MHRD Research Grant

Completed Ministry of Human Resource Development (MHRD), Government of India funded two National Mission on Education through Information and Communication Technology (NMEICT) major academic research projects on (i) Creation of E-Contents on Fermentation Technology and (ii) Development of E-Contents on Pharmaceutical Microbiology. Altogether, 70 theory and 30 practical modules have been developed for college undergraduate students.

## 2011: UGC Research Grant

Completed University Grant Commission (UGC) Government of India funded the project on "Production, Purification, and Characterization of Thermo Stable /Thermo Tolerant Extracellular Phytase from Bacterial Isolates."

## MEMBERSHIP: Professional & Social organizations

**Member**, Technical Committee for Climate Change Projects, Gujarat

**Member**, Society for Microbiology, UK

**Member**: American Society for Microbiologists (ASM), USA

**Senior Member**: Institute of Research Engineers & Doctors (IREDD), USA

**Founder Member**: Swedish and South Asian Network" (SASNET) on Fermented Food

**Life Member**: Microbiologists Society of India (MSI) (MS/LM/634)

**Life Member**: Association of Microbiologists of India (AMI)

**Life Member**: Biotechnological Research Society of India (BRSI)

**Life Member**: Society for Science and Environment (SSE)

**Life Member**: Forum on Higher Education (HEF), Mumbai

**Life member**: Indian Society of Cell Biology (ISCB)

**Member**: DAC, Rajkot, Ministry of Non-Conv. Energy Sources, Govt. of India

## PLENARY TALKS

- @Young Researchers Conference 2022 organized by Veer Narmad South Gujarat University, Surat, Gujarat, in the association of Vigyan Gurjari and RFRF (Bharatiya Siksha Mandal) during May 10-11, 2022.
- @ An International Conference on Applications of Current Scientific Advancement in Life Sciences organized by Sankalchand Patel University, Visnagar, Gujarat, in collaboration with GUJCOST, Govt. of Gujarat from February 28, 2022, to March 04, 2022.

## GENOME SEQUENCED

● **Virus** : Escherichia Phage ADB-2 (JX912252.1)

● **Bacteria** : 06

*Bacillus safensis* VK | *Pseudomonas aeruginosa* PFK10 | *Pseudomonas aeruginosa* PK6  
*Bacillus subtilis* C3 | *Pseudomonas putida* | *Pseudomonas stutzeri*

## RECOGNITIONS

- **Nodal officer** for NEP2020 implementation @ Saurashtra University, Rajkot (February 2022 – till date)
- **Member of Senate** @ Saurashtra University, Rajkot (January, 2023 - till date)
- **Coordinator**, Alumni Association of Saurashtra University (AASU) @ Saurashtra University, Rajkot (2019 - till date)
- **Coordinator**, Institution's Innovation Council (IIC) @ Saurashtra University, Rajkot (January 2022 – till date)
- **Chairman**, Institutional Student Grievance Redressal Committee (ISGRC) @ Saurashtra University, Rajkot (February 2022 – till date)
- **Member**, Institutional Development Plan (IDP) of Saurashtra University, Rajkot (October, 2022- till date)
- **Member**, Technical Committee for Climate change projects, Climate change department, Government of Gujarat
- **Member Secretary**, Institutional Biosafety Committee (IBSC), Department of Biosciences, Saurashtra University, Rajkot, Gujarat
- **Member**, Institutional Biosafety Committee (IBSC) @ Department of Biotechnology, Junagadh Agricultural University, Junagadh, Gujarat
- **Academic Counselor**, Indira Gandhi National Open University (IGNOU), New Delhi
- **Member**, Project review committee, National Science Centre, Poland
- **Member**, Project review committee, National Fund for Scientific and Technological Research (FONDECYT), Government of Chile.
- **Member**, Board of studies of Life Sciences @BKNMU, Junagadh
- **Member**, Science Faculty @BKNMU, Junagadh
- **Member**, Board of Studies for Life Sciences @ IITE, Gandhinagar
- **Member**, Board of studies of Microbiology @Darshan University, Rajkot
- **Member**, Academic Planning Board @ Baba Saheb Ambedkar Open University (BAOU), Ahmedabad



## ADMINISTRATIVE EXPERIENCE

- Coordinator, Institute of Biotechnology, Department of Biosciences, Saurashtra University, Rajkot (2017 – till date)
- Coordinator, National Education Policy (NEP2020) implementation @Saurashtra University, Rajkot
- Director, Research, and Development Cell@Saurashtra University, Rajkot (As directed by UGC, Govt of India)
- Coordinator, National Innovation and Startup Policy (NISP) (As directed by Ministry of Education's Innovation Cell, Govt of India)
- Coordinator, Research For Resurgence Foundation (RFRF), Nagpur) @ Saurashtra University, Rajkot
- Chairman, Institutional Student Grievance Redressal Committee @ Saurashtra University, Rajkot (As directed by UGC, Govt of India)
- Coordinator, Innovation Activity in IIC council of Saurashtra University, Rajkot
- Member, Committee for Ph.D. Entrance Test @ Saurashtra University, Rajkot (2019, 2020, 2021, and 2022)
- Vice Chancellor Nominee @ Centre of Excellence, NFDD, at Saurashtra University, Rajkot
- Member of IQAC @ Saurashtra University, Rajkot (2022)
- Member of IQAC @ Babasaheb Ambedkar Open University, Ahmedabad (2017-2019)
- Member, IQAC, Christ Institute, Rajkot (2004-2014)
- Member, a core team of IQAC during NAAC peer team visit at Saurashtra University, Rajkot (2014)
- Head, Department of Microbiology, Christ Institute, Rajkot (2004-2014)
- An officer on Special Duty, Office of the Vice-Chancellor, Saurashtra University, Rajkot (2012-2014)

- **Ph.D. Guide** in Microbiology @Saurashtra University, Rajkot, Gujarat
- **Editorial Board Member**, Journal of New Science Biotechnology, USA
- **Editorial Board Member**, Aperito Journal of Bacteriology, Virology and Parasitology, USA
- **Editorial Board Member**, Journal of Environment and Social Sciences, India
- **Editorial Board Member**, Annals of Advanced Biomedical Sciences (AABSc) ISSN: 2641-9459.
- **Editorial Board Member** Cloning & Transgenesis
- Peer reviewer for **3Biotechnology** (Springer)
- Peer reviewer for **Current Microbiology**
- Peer reviewer for **Bioresources Technology** (Elsevier)
- Peer reviewer for **BMC Research Notes** (Springer Nature)
- Peer reviewer for **BMC Supplements** (Springer Nature)
- Peer reviewer for **British Microbiology Research Journal** (Science Domain International)
- Peer reviewer for **British Biotechnology Journal**
- Peer reviewer for **Defence Science Journal** (DRDO)
- Peer reviewer for **Frontiers in Genetics**
- Peer reviewer for **Frontiers in Microbiology**
- Peer reviewer for **Frontiers in Veterinary Science**
- Peer reviewer for **Journal of Taibah University for Science**
- Peer reviewer for **Progress in Applied Microbiology** (Whioce publication)
- Peer reviewer for **Journal of Biological Science** (Science Alert publication)
- Peer reviewer for **Water Research** (Elsevier)
- Peer reviewer for **Molecular Biotechnology**
- Peer reviewer for **PeerJ** (Elsevier)
- Peer reviewer for Archives of Microbiology (**AOMI**)
- Peer reviewer for **Time Journal** of Biological Sciences and Technology
- **Member of Interview Committee Panel** for Microbiology, Biotechnology and Bioinformatics@Saurashtra University, Rajkot, Gujarat, India
- **Member**, RDC panel for Ph.D. @R.K. University, Rajkot
- **Member**, Board of Biotechnology, Saurashtra University, Rajkot
- **Member**, Board of Bioinformatics, Saurashtra University, Rajkot
- **Member**, Board of Microbiology, Saurashtra University, Rajkot
- **Member & other than the chairman**, Board of Microbiology, Saurashtra University, Rajkot (2011-2014)
- **Member**, Ad-hoc-board of studies for M.Phil, Natural Resource Management, Saurashtra University, Rajkot
- **Member**, Ad-hoc Board of studies, Wild Life Institute of India (WII), Dehradun





## COUNTRIES VISITED FOR ACADEMIC & RESEARCH PURSUIT

- USA
- Switzerland
- Australia
- Japan
- France
- The Netherland
- Belgium
- Germany
- United Kingdom



## RESEARCH COLLABORATIONS

- Department of Biochemistry and Molecular Biology, University of Medicine & Dentistry of New Jersey (UMDNJ), USA
- Department of Chemistry, Indian Institute Technology (IIT), Delhi, India
- Defense Research & Development Establishment (DRDE), Defense Research & Development Organisation (DRDO), Govt. of India, Ministry of Defence, Gwalior, India
- Department of Animal Biotechnology Anand Agricultural University, Anand, Gujarat, India
- Department of Biotechnology, Junagadh Agricultural University, Junagadh, Gujarat, India



## Books

1. Ravindra Pal Singh, **Ramesh Kothari**, Prakash G. Koringa (2017). **Understanding Host-Microbiome Interactions - An Omics Approach** with the Springer: (Springer India)
2. **R. K. Kothari** (2014) **Microbiology: An Overview** (McGraw Hill Education (India) Private Ltd) ISBN:9781308078380
3. **R. K. Kothari** (2014) **Food, Fitness and Blood Pressure: Key Factors for a Healthy Life** (McGraw Hill Education (India) Private Ltd) ISBN: 9781308097442
4. **R. K. Kothari** (2005) **Degradation Biotechnology** (Published by Discovery Publishing House, New Delhi-110002) ISBN: 81-7141-986-0



## Book chapters

1. Amishi Bhatt, Dhyey Kothari, Charmy Kothari, and Ramesh Kothari, Probiotic: An Uprising Human Health Concept. **In Prebiotics and Probiotics - From Food to Health** (DOI: <http://dx.doi.org/10.5772/intechopen.98828>) IntechOpen, UK 202.
2. Ravindra Pal Singh, **Ramesh Kothari**, Suhelen Egan: Exploring the Complexity of Macroalgal Bacterial Interactions through Interkingdom Signalling System. **In Systems Biology of Marine Ecosystems** (ISBN 978-3-319-62094-7) (DOI 10.1007/978-3-319-62094-7\_15) Springer 2017
3. **Ramesh K. Kothari**, Neelam M. Nathani, Chandra Shekar Mootapally, Jalpa K. Rank, Haren B. Gosai, Bharti P. Dave, Chaitanya G. Joshi: Comprehensive exploration of the Rumen Microbial Ecosystem with advancements **in Metagenomics In Metagenomics: Perspectives, Methods, and Applications (Elsevier)**. (ISBN: 978-0-08-102268-9; DOI) (10.1016/B978-0-08-102268-9.00011-2) Elsevier-2018
4. Pravin Dudhagara, **Ramesh Kothari**, Anjana Ghelani, Jalpa Rank, Rajesh Patel. Prospects and Progress in Extreme Biosphere Microbiome **in Understanding host-microbiome interactions - An omics Approach** {(ISBN 978-981-10-5049-7; ISBN 978-981-10-5050-3 (eBook)) (DOI 10.1007/978-981-10-5050-3) Springer 2017
5. Vishal Kothari, Charmy Kothari, Jalpa Rank, Anjali Joshi, Ravindra Pal Singh, and **Ramesh Kothari**: Metatranscriptomics Studies of the Plant Rhizosphere for Finding Biological Agents **in Understanding host-microbiome interactions - An omics Approach** {(ISBN 978-981-10-5049-7; ISBN 978-981-10-5050-3 (eBook)) (DOI 10.1007/978-981-10-5050-3) Springer 2017
6. Ravindra Pal Singh and **Ramesh Kothari**: The Omics Era and Host Microbiomes **In Understanding host-microbiome interactions - An Omics Approach** {(ISBN 978-981-10-5049-7; ISBN 978-981-10-5050-3 (eBook)) (DOI 10.1007/978-981-10-5050-3) Springer 2017
7. Neelam M. Nathani, Amrutlal K. Patel, Chandra Shekar Mootapally, **Ramesh K. Kothari** Chaitanya G. Joshi. Advancements in Molecular, a Techniques and Bioinformatics for Understanding the Rumen Microbiome **In Understanding host-microbiome interactions - An Omics Approach**. {(ISBN 978-981-10-5049-7; ISBN 978-981-10-5050-3 (eBook)) (DOI 10.1007/978-981-10-5050-3) Springer 2017
8. K.M. Singh, M. Bagath, S.K. Chikara, C.G. Joshi: and **R. K. Kothari**: Metagenomic Approaches in Understanding the Rumen Function and Establishing the Rumen Microbial Diversity **In** (V. Sejian et al. (eds.), Climate Change Impact on Livestock: Adaptation and Mitigation. (ISBN. ISBN 978-81-322-2265-1) (DOI 10.1007/978-81-322-2265-1\_14) Springer India 2015
9. **R. K. Kothari** (1998): Decolorization of some textile azo dyes by ligninolytic enzyme system of a white-rot fungus *Coriolopsis polysona* **In** Role of Microbes in the Management of Environmental Pollution (ISBN:81-7648-223-4).

## RESEARCH PUBLICATIONS - (Total: 45)

- **2022:** Divyarajsinh A. Jadeja, Neelam M. Nathani, handrashekar Mootapally & Ramesh K. Kothari Bio-Physico Characterization of Poly-3-Hydroxybutyrate (PHB) Produced from an Organic Pollutant Utilizer *Bacillus subtilis* subsp. *subtilis* DJ9192. <https://doi.org/10.1007/s40011-022-01439-y>
  - **Journal:** Proc. Natl. Acad. Sci. Sect. B Biol. Sci. (India)
  - **IF:** 0.96
  - **ISBN/ISSN:** 0369-8211 (print) 2250-1746 (web)
- **2022:** Anjali U. Joshi, Ankit T. Hinsu, **Ramesh K. Kothari:** Evaluating the efficacy of bacterial consortium for decolorization of diazo dye mixture. **Archives of Microbiology** <https://doi.org/10.1007/s00203-022-03108-0>
  - **Journal:** Archives of Microbiology
  - **IF:** 2.667
  - **ISBN/ISSN:** 0302-8933
- **2021:** Ankit T. Hinsu, Ketankumar J. Panchal, Ramesh J. Pandit, Prakash G. Koringa & **Ramesh K. Kothari:** Characterizing rhizosphere microbiota of peanut (*Arachis hypogaea* L.) from pre-sowing to post-harvest of crop under field conditions. <https://doi.org/10.1038/s41598-021-97071-3>
  - **Journal:** Scientific Reports (International) [www.nature.com](http://www.nature.com)
  - **IF:** 4.379
  - **ISBN/ISSN:** 2045-2322
- **2021:** Ankit Hinsu, Ashvin Dumadiya, Anjali Joshi, Rohitkumar Kotadiya, Kavan Andharia, Prakash Koringa, and **Ramesh Kothari:** To culture or not to culture: a snapshot of culture-dependent and culture-independent bacterial diversity from peanut rhizosphere. DOI 10.7717/peerj.12035.
  - **Journal:** PeerJ (International)
  - **IF:** 2.984
  - **ISBN/ISSN:** 2167-8359
- **2021:** Mayur Mahajan, Devika Manek, Nishant Vora, **Ramesh K. Kothari,** Chandrashekar Mootapally, Neelam M. Nathani: Fungi with high ability to crunch multiple Polycyclic Aromatic Hydrocarbons (PAHs) from the pelagic sediments of Gulfs of Gujarat. 167(2021)112293: <https://doi.org/10.1016/j.marpolbul.2021.112293>
  - **Journal:** Marine Pollution Bulletin (International)
  - **IF:** 4.049
  - **ISBN/ISSN:** 0025-326X
- **2020:** Anjali U. Joshi, Ankit T. Hinsu, Rohitkumar J. Kotadiya, Jalpa K. Rank, Kavan N. Andharia, and **Ramesh K. Kothari** 1: Decolorization and biodegradation of textile di-azo dye Acid Blue 113 by *Pseudomonas stutzeri* AK6. (2020).10:214 <https://doi.org/10.1007/s13205-020-02205-5>.
  - **Journal:** 3Biotech (International)
  - **IF:** 2.351
  - **ISBN/ISSN:** 2190-5738
- **2020:** Kinjal Pabari, Sheetal Pithva, Charmy Kothari, Ravi Kiran Purama, Kanthi Kiran Kondepudi, Bharatkumar Rajiv Manuel Vyas, **Ramesh Kothari,** and Padma Ambalam. Evaluation of Probiotic Properties and Prebiotic Utilization Potential of *Weissella paramesenteroides* Isolated From Fruits. (2020) 1-13. DOI 10.1007/s12602-019-09630-w
  - **Journal:** Probiotics and Antimicrobial Proteins
  - **IF:** 2.411
  - **ISBN/ISSN:** 1867-1306
- **2019:** Priti Faldu, Vishal Kothari, Charmy Kothari, Jalpa Rank, Ankit Hinsu, and Ramesh Kothari. Toxicity Assessment of Biologically Degraded Product of Textile Dye Acid Red G. (2019) 4 (4):236-243 (DOI: 10.14429/dlsj.4.14972)
  - **Journal:** Defence Life Science Journal
  - **IF:** 0.589
  - **ISBN/ISSN:** 0011-748X
- **2018:** Jalpa K. Rank, Neelam Mathani, Ankit T. Hinsu, Anjali U. Joshi, Mootapally Chandra Shekar, **Ramesh K. Kothari.** Isolation, characterization, and growth response study of Chlorpyrifos utilizing soil bacterium *Pseudomonas putida* JR16. (2018) 52(4) 2018: 355-361. <http://dx.doi.org/10.18805/IJRe.A-5035>
  - **Journal:** Indian Journal of Agricultural Research
  - **IF:** 0.162
  - **ISBN/ISSN:** 0367-8245
- **2017:** Sabapathi Arularasan, Neelam M Nathani, Venmathi Maran BA, **Ramesh K Kothari,** Chandra Shekar Mootapally. Haplotype variation and phylogenetic analyses of three commercially important morphological variants of genus *Turbineella* from the southeast coast of India based on the 16S rRNA gene. (2017) 93(4):000-000. <https://doi.org/10.5343/bms.2016.1004>.
  - **Journal:** Bull Mar Sci.
  - **IF:** 1.215
  - **ISBN/ISSN:** 0250-4707
- **2017:** Krupa M. Parmar, Saurabh L. Gaikwad, Prashant K. Dhakephalkar, **Ramesh Kothari** and Ravindra P. Singh: Intriguing interaction of bacteriophage-host association: An understanding in the era of omics. (2017) 8(559) | DOI: 10.3389/fmicb.2017.00559 (Review article)

- **Journal:** Frontiers in Microbiology
  - **IF:** 4.259
  - **ISBN/ISSN:**
- **2016:** Ramesh Kothari, Ravindra Pal Singh, and Vishal Kothari. Application of next generation sequencing technologies in revealing plant-microbe interactions. (2016) Volume 3 Issue 1 1000e108
    - **Journal:** Next Generation: Sequencing & Applications
    - **IF:** 1.28
    - **ISBN/ISSN:** 2469-9853
  - **2016:** Khushbu Kunadia, Neelam M. Nathani, Vishal Kothari, Rohit J. Kotadia, Charmy R. Kothari, Anjali Joshi, Jalpa K. Rank, Priti R. Faldu, M. Chandra Shekar, Mit J. Viroja, Priyank A. Patel, Divyaraj C. Jadeja, Bhaskar Reddy, Ravindra Pal Singh, Prakash G. Koringa, Chaitanya G. Joshi, **Ramesh K. Kothari**. Draft Genome Sequence of Commercial Textile Dyes Decolourizing & Degrading *Bacillus subtilis* strain C3 Isolated from India. (2016) **Volume 4 Issue 2 e00104-16 (ASM)**
    - **Journal:** Genome Announcements
    - **ISBN/ISSN:** 21698287
  - **2015:** Neelam M Nathani, Amrutlal K Patel, Mootapally Chandra Shekar, Bhaskar Reddy, Shailesh V Shah, Pravin M Lunagaria, **Ramesh K Kothari**, Chaitanya Joshi. Effect of roughage on rumen microbiota composition in the efficient feed converter and sturdy Indian Jaffrabadi buffalo (*Bubalus bubalis*). (2015) 16:1116. DOI 10.1186/s12864-015-2340-4
    - **Journal:** BMC Genomics
    - **IF:** 4.142
    - **ISBN/ISSN:** 1471-2164
  - **2015:** Neelam M. Nathani, Srinivas M. Duggirala, Vaibhav D. Bhatt, Amrutlal K Patel, **Ramesh K. Kothari**, Chaitanya G. Joshi. Correlation between Genomic analyses with Metatranscriptomic study reveals various functional pathways of *Clostridium sartagoforme* AAU1, a buffalo rumen isolate. DOI: 10.1080/09712119.2015.1091346
    - **Journal:** Journal of Applied Animal Research
    - **IF:** 1.092
    - **ISBN/ISSN:** 0971-2119
  - **2015:** Khushal Kapadiya, Rohit Kotadiya, Kishor Kavadia, **Ramesh Kothari**, Krunal Mehariya and Ranjan Khunt. Synthesis and Microbial Evaluation of Versatile Base Catalyzed Chiral Tetrahydrobenzofuran Derivatives via Multicomponent Reaction. (2015) 5(4), 258-266.
    - **Journal:** Letters in Drug Design & Discovery
    - **IF:** 0.789
    - **ISBN/ISSN:** 1570-1808
  - **2015:** Neelam M. Nathani, **Ramesh K. Kothari**, Amrutlal K. Patel, Chaitanya G. Joshi: Functional Characterization Reveals Novel Putative Coding Sequences in *Prevotella ruminicola* Genome Extracted from Rumen Metagenomic Studies. (2015) (25):292–299
    - **Journal:** J. Mol. Microbiol Biotechnol.
    - **IF:** 1.457
    - **ISBN/ISSN:** 1464-1801
  - **2015:** Khushal Kapadiya, Kishor Kavadia, Parth Manvar, Rohit Kotadiya, **Ramesh Kothari**, and Ranjan Khunt: Catalyst free synthesis of thiazole derivatives bearing azo imine linkages Antimicrobial Agents. (2015) 5 (4) 258-266
    - **Journal:** Chemistry & Biology Interface
    - **ISBN/ISSN:** 2249–4820
  - **2015:** Neelam M. Nathani, Srinivas M. Duggirala, Chandra Shekar M., **Ramesh K. Kothari**, Chaitanya G. Joshi: Isolation of chitinolytic *Clostridium* sp. NCR from Mehsana buffalo rumen, its genomic analysis, and potential role in the rumen. (2015) (5)109-111
    - **Journal:** Genomics Data
    - **IF:** 1.08
    - **ISBN/ISSN:** 2213-5960
  - **2014:** Updesh Dixit, Zhihe Liu, Ashutosh K Pandey, **Ramesh Kothari**, & Virendra N Pandey. Fuse binding protein antagonizes the transcription activity of tumor suppressor protein p53. (2014) 14:925 <http://www.biomedcentral.com/1471-2407/14/925> (Bio Med Central)
    - **Journal:** BMC Cancer
    - **IF:** 3.424
    - **ISBN/ISSN:** 1471-2407
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## RESEARCH PAPERS IN THE CONFERENCE PROCEEDINGS

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