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Biotech and Omics.....

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موقع المكتب: B-25.....

يعمل في الجامعة: منذ 2018

الحالة الاجتماعية:

Reported the anti-codon table of the chloroplast genome (Under Review).
<https://www.biorxiv.org/content/10.1101/2022.04.24.489293v1.full> 2

المؤهلات الأكاديمية

PhD (University of Turin, Italy), 2011

MS Bioinformatics (University of Turin, Italy), 2007

M.Sc. Biotechnology (North Orissa University), 2006

أنشطة التدريس

Bacteriology, Spring 2021

Metabolic Engineering, 2016

Advanced metabolic engineering, 2017

الأنشطة البحثية

الاهتمامات البحثية -

tRNA, Genomics, Proteomics & Plant Molecular Biology

Construction of virtual 2-D proteome map of plant, fungi, plastome, and bacteria

Functional analysis of quadruplet anti-codons

المشورات -

مقال:

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- [S. Mahanta, T Naiya, K Biswas, L Chnagkakoti, YK Mohanta, B Tanti, AK Mishra, Tapan 2022 .5](#)
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- [Pandey VK, Prajapati GK, Tapan Kumar Mohanta, Mishra AK. \(2022\). N-glycosylation, a 2022 .8](#)
[leading role in viral infection and immunity development. Molecular Biology Reports, 49: 8109-8120. IF 2.702](#)
- [Kumar H, Aggarwal A, Marwaha MG, Deep A, Chopra H, Matin MM, Roy A, Emran TB, 2022 .9](#)
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[Khan A, Bilal S, Khan AL, Imran M, Asaf S, Al-Harrasi A, Al-Rawahi A, Al-Azhri M, Tapan 2020 .38 Kumar Mohanta, Lee JJ. \(2020\). Silicon and gibberellins: synergistic function in harnessing ABA .signaling and heat stress tolerance in date palm \(Phoenix dactylifera\). Plants, 9\(5\): 620](#)

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extracts of Cleistanthus collinus \(Roxb.\): Its potential antibacterial and anticancer activity. IET
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the non-structural protein \(NS3\) of dengue serotype: A molecular dynamic study. Current](#)

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العضوية في الهيئات المهنية

Topic editor, Opportunities and Challenges for nanotechnology in Sustainable Agri-Food :الآن-2022
Production, Frontiers in Nanotechnology

Topic editor, Fungi for food and environment sustainability, Frontiers in Microbiology :الآن-2022

Topic editor, Structural Variation of the Chloroplast Genome and Related Bioinformatics :الآن-2022
Tools, Frontiers in Plant Science

Associate Editor, Mitochondrial DNA Part B: Resources, Taylor & Francis :الآن-2022

Associate Editor, Frontiers in Ecology and Evolution :الآن-2022

Associate Editor, Frontiers in Molecular Biosciences :الآن-2022

Editorial Board Member, Scientific Reports :الآن-2022

Editorial Board Member, BMC Plant Biology :الآن-2022

Named as top 2% highly cited researcher in the world as per Standford University :الآن-2021
Ranking

Editorial Board Member, BMC Genomic Data :الآن-2021

Member, Australasian proteomics society :الآن-2021

Editorial board member, BMC Research notes, Springer Nature :الآن-2021

(Honorary Rosalind Membership, London Journal Press (Membership ID: UK43494 :2020-2020

Topic Editor, International Journal of Molecular Sciences (IJMS), MDPI :الآن-2020

Associate editor, Frontiers in Plant Science, Frontiers Media :الآن-2020

Associate Editorial Board Member, Current Proteomics, Bentham Science :الآن-2020

Editor, Current Protein and Peptide Science, Publisher: Bentham Science :الآن-2018

Asian Council of Science editors :الآن-2017

Member, American society of plant pathology :الآن-2010

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Government of Italy Doctoral Scholarship for International Students (Full tuition fee and 2008
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Ranked first, M.Sc. Biotechnology degree examination, North Orissa University, India 2006

Meritorious student award, Bachelor's degree study, Karanjia College Karanjia, India 2003

Ranked 3rd in Botany Honours, B.Sc. degree examination, North Orissa University, India 2003

