



International Journal for Research Trends and Innovation

IJRTI | IJRTI.ORG | ISSN: 2456-3315

An International Open Access, Peer-reviewed, Refereed Journal

Certificate of Publication

The Board of
International Journal for Research Trends and Innovation
Is hereby awarding this certificate to

Pallavi Dangare

In recognition of the publication of the paper entitled

ANTIBIOTIC RESISTANCE IN BACTERIA

Published in Volume 10 Issue 5, May-2025

*Co-Authors - Sanika Sontakke, Om Tapre, Ashwini
V. Aswar, Harigopal S. Sawarkar*

Paper ID - IJRTI2505280



Editor-In Chief

INTERNATIONAL JOURNAL FOR RESEARCH TRENDS AND INNOVATION | IJRTI

An International Scholarly, Open Access, Multi-disciplinary, Indexed Journal

Website: www.ijrti.org | Email: editor@ijrti.org | ESTD: 2016

Manage By: IJPUBLICATION Website: www.ijrti.org | Email ID: editor@ijrti.org



International Journal for Research Trends and Innovation

IJRTI | IJRTI.ORG | ISSN: 2456-3315

An International Open Access, Peer-reviewed, Refereed Journal

Certificate of Publication

The Board of
International Journal for Research Trends and Innovation
Is hereby awarding this certificate to

Sanika Sontakke

In recognition of the publication of the paper entitled

ANTIBIOTIC RESISTANCE IN BACTERIA

Published in Volume 10 Issue 5, May-2025

*Co-Authors - Pallavi Dangare, Om Tapre, Ashwini
V. Aswar, Harigopal S. Sawarkar*

Paper ID - IJRTI2505280



Editor-In Chief

INTERNATIONAL JOURNAL FOR RESEARCH TRENDS AND INNOVATION | IJRTI

An International Scholarly, Open Access, Multi-disciplinary, Indexed Journal

Website: www.ijrti.org | Email: editor@ijrti.org | ESTD: 2016

Manage By: IJPUBLICATION Website: www.ijrti.org | Email ID: editor@ijrti.org



International Journal for Research Trends and Innovation

IJRTI | IJRTI.ORG | ISSN: 2456-3315

An International Open Access, Peer-reviewed, Refereed Journal

Certificate of Publication

The Board of
International Journal for Research Trends and Innovation
Is hereby awarding this certificate to

Om Tapre

In recognition of the publication of the paper entitled

ANTIBIOTIC RESISTANCE IN BACTERIA

Published in Volume 10 Issue 5, May-2025

*Co-Authors - Pallavi Dangare, Sanika
Sontakke, Ashwini V. Aswar, Harigopal S.
Sawarkar*

Paper ID - IJRTI2505280

Editor-In Chief



INTERNATIONAL JOURNAL FOR RESEARCH TRENDS AND INNOVATION | IJRTI

An International Scholarly, Open Access, Multi-disciplinary, Indexed Journal

Website: www.ijrti.org | Email: editor@ijrti.org | ESTD: 2016

Manage By: IJPUBLICATION Website: www.ijrti.org | Email ID: editor@ijrti.org



International Journal for Research Trends and Innovation

IJRTI | IJRTI.ORG | ISSN: 2456-3315

An International Open Access, Peer-reviewed, Refereed Journal

Certificate of Publication

The Board of
International Journal for Research Trends and Innovation

Is hereby awarding this certificate to

Ashwini V. Aswar

In recognition of the publication of the paper entitled

ANTIBIOTIC RESISTANCE IN BACTERIA

Published in Volume 10 Issue 5, May-2025

*Co-Authors - Pallavi Dangare, Sanika
Sontakke, Om Tapre, Harigopal S. Sawarkar*

Paper ID - IJRTI2505280



Editor-In Chief

INTERNATIONAL JOURNAL FOR RESEARCH TRENDS AND INNOVATION | IJRTI

An International Scholarly, Open Access, Multi-disciplinary, Indexed Journal

Website: www.ijrti.org | Email: editor@ijrti.org | ESTD: 2016

Manage By: IJPUBLICATION Website: www.ijrti.org | Email ID: editor@ijrti.org



International Journal for Research Trends and Innovation

IJRTI | IJRTI.ORG | ISSN: 2456-3315

An International Open Access, Peer-reviewed, Refereed Journal

Certificate of Publication

The Board of
International Journal for Research Trends and Innovation

Is hereby awarding this certificate to

Harigopal S. Sawarkar

In recognition of the publication of the paper entitled

ANTIBIOTIC RESISTANCE IN BACTERIA

Published in Volume 10 Issue 5, May-2025

*Co-Authors - Pallavi Dangare, Sanika
Sontakke, Om Tapre, Ashwini V. Aswar*

Paper ID - IJRTI2505280



Editor-In Chief

INTERNATIONAL JOURNAL FOR RESEARCH TRENDS AND INNOVATION | IJRTI

An International Scholarly, Open Access, Multi-disciplinary, Indexed Journal

Website: www.ijrti.org | Email: editor@ijrti.org | ESTD: 2016

Manage By: IJPUBLICATION Website: www.ijrti.org | Email ID: editor@ijrti.org