"IN-VITRO MANAGEMENT OF COLLETOTRICHUM GLOEOSPORIOIDES CAUSING ANTHRACNOSE OF BLACK PEPPER (PIPER NIGRUM) USING ESSENTIAL OILS"

PROJECT REPORT

Submitted by

NIMMI N

(PZASMBC009)

Under the guidance of

Dr. YAMINI VARMA C.K

(PEPPER RESEARCH STATION)

Submitted in partial fulfillment of the requirement for the award of the

Degree of

MASTER OF BIOCHEMISTRY
UNIVERSITY OF CALICUT



2018-2020

DEPARTMENT OF BIOCHEMISTRY
PAZHASSIRAJA COLLEGE, PULPALLY
ACCREDITED BY 2 NAAC WITH "B"GRADE

PAZHASSIRAJA COLLEGE

PULPALLY

(Affiliated to University of Calicut)

(Managed by Catholic Diocese, Bathery) Email:pazhassirajacollege@gmail.com

Pulpally-673 579, Wayanad, Kerala



Ph: 04936 240366

Principal: 04936 243333

Fax: 04936 243333

WWW.pazhassirajacollege.com

CERTIFICATE

This is to certify that the dissertation entitled "In-vitro management of Colletotrichum gloeosporioides causing anthracnose of Black pepper (Piper nigrum) using essential oils " is a bonafide record of the work done by Ms. NIMMI N Dept. of Biochemistry, Pazhassiraja College, Pulplly, during academic year 2018-2020 for the award of Master of Science in Biochemistry of the University of Calicut.

Principal

Dr. Anil Kumar

Principal Pazhassi Raja College Pulpally.Pin:673579

Date: 18/8/10



"IN-VITRO NEUTRALIZATION EFFICACY OF IGY THERAPEUTICS AGAINST AEROMONAS HYDROPHILA ON AQUATIC ANIMAL HEALTH "

Dissertation submitted to

Calicut University

In Partial fulfillment of the requirements for the award of the degree of

Master of Science in Biochemistry

Submitted by

DRISHYA G (PZASMBC005)

Under the Guidance of

Dr. M.D. Dinesh. M.Sc., P.G.D.Q.A., M.B.A., Ph.D., NET.

Assistant Professor (Department of Microbiology, Pazhassiraja College, Wayanad)



DEPARTMENT OF BIOCHEMISTRY

PAZHASSIRAJA COLLEGE
PULPALLY, WAYANAD
KERALA-673579

Aided college, Affiliated to the University of Calicut (NAAC Accredited with B Grade) (Managed by the Catholic Diocese of Bathery)

2018-2020

PAZHASSIRAJA COLLEGE PULPALLY

(Affiliated to University of Calicut) (Managed by Catholic Diocese, Bathery)



Ph: 04936 240366

Principal: 04936 243333

Fax: 04936 243333

Email:pazhassirajacollege a gmail com Pulpally-673 579, Wayanad, Kerala WWW.pazhassirajacollege com

CERTIFICATE

This is to certify that the dissertation entitled "In-vitro neutralization efficacy of IgY therapeutics against Aeromonas hydrophila on aquatic animal health" is a bonafide record of the work done by Ms. DRISHYA G Dept. of Biochemistry, Pazhassiraja College, Pulpally, during academic year 2018-2020 for the award of Master of Science in Biochemistry of the University of Calicut.

Date: 10/8/2020

THASSIRAJA COLLEGE

Principal

Dr. Anil Kumar Principal Pazhas si Raja College Pulpally. Pin: 673579

DETOXIFYING ACTION OF AQUEOUS EXTRACT OF Mucuna pruriens SEEDS AGAINST THE VENOM OF Daboia

russelii AND Echis carinatus

Dissertation submitted to

Calicut University

In partial fulfillment of the requirements for the award of the degree of

MASTER OF SCIENCE IN BIOCHEMISTRY

Submitted by,

HARSHA H (PZASMBC006)

Under the guidance of

Dr. M.D. Dinesh. M.Sc., P.G.D.Q.A., M.B.A., Ph.D., NET.

Assistant professor,

(Department of Microbiology, Pazhassiraja College, Wayanad)



DEPARTMENT OF BIOCHEMISTRY

PAZHASSIRAJA COLLEGE PULPALLY, WAYANAD

KERALA-673579

Aided College, Affiliated to the University of Calicut

(NAAC Accredited with B Grade)

(Managed by the Catholic Diocese of Bathery)

2018-2020

PAZHASSIRAJACOLLEGE PULPALLY

(Affiliated to University of Calicut) (Managed by Catholic Diocese, Bathery)



Ph: 04936 240366

Principal: 04936 243333

Fax: 04936 243333

Email:pazhassirajacollege a gmail com Pulpally-673 579, Wayanad, Kerala WWW.pazhassirajacollege.com

CERTIFICATE

This is to certify that the dissertation entitled "Detoxifying action of Aqueous Extract of Mucuna pruriens Seeds against the venom of Daboia russelii and Echis carinatus" is a bonafide record of the work done by Ms. HARSHA H Dept. of Biochemistry, Pazhassiraja College, Pulplly, during academic year 2018-2020 for the award of Master of Science in Biochemistry of the University Calicut.

Principal

Dr. Anil Kumar

Princip :: Pazhassi Raja College Pulpally, Pin:673579



Trypsin inhibitory potential of select phytonanocompound mediated by *Holigarna arnottiana* bark extract.

PROJECT REPORT

Submitted in partial fulfilment of the requirement for the award of the

Degree of

MASTER OF BIOCHEMISTRY
UNIVERSITY OF CALICUT

Submitted by

DRISHYA DINESH

(PZASMBC004)

Under the guidance of

Mrs.NEETHU GEORGE



2018-2020

POST GRADUATE DEPARTMENT OF BIOCHEMISTRY

PAZHASSIRAJA COLLEGE, PULPALLY

ACCREDITED BY NAAC WITH "B"GRADE

DEPARTMENT OF BIOCHEMISTRY PAZHASSIRAJA COLLEGE, PULPALLY, WAYANAD



CERTIFICATE

This is to certify that the dissertation entitled "Trypsin inhibitory potential of select phytonanocompound mediated by Holigarna arnottiana bark extract" submitted by DRISYA DINESH (Reg. No. PZASMBC003) Pazhassiraja College, Pulpally, affiliated to University of Calicut, in partial fulfillment of the requirement for the award of degree of Master of Science in Biochemistry is the bonafide record of the research work undertaken during the academic year 2019-2020, under the guidance of Mrs. Neethu George, Assistant Professor, Department of Biochemistry, Pazhassiraja College, Pulpally.

PRINCIPAL

Dr. Anil Kumar

Principal Pazhassi Reja College Pulpally Pin:673579