



PHILIPPINE SOCIETY OF BIOCHEMISTRY AND MOLECULAR BIOLOGY
SOUTHERN LUZON CHAPTER

IN COOPERATION WITH
INSTITUTE OF BIOLOGICAL SCIENCES, COLLEGE OF ARTS AND SCIENCES
UNIVERSITY OF THE PHILIPPINES LOS BAÑOS

PRESENT THIS


CERTIFICATE OF PARTICIPATION

TO

Precious R. Guevarra

for attending the webinar series of PSBMB - Southern Luzon chapter with the title
"TEACH BMB: Teaching E-learning Activities for Class at Home for
Biochemistry and Molecular Biology" on April 12, 2021 (3 hrs).


MARIA DALISAY G. MANGALIG, PhD
PSBMB-SLC PRESIDENT


LUCILLE C. VILLAGAS, PhD
OIC-DIRECTOR, INSTITUTE OF BIOLOGICAL SCIENCES
CAS, UPLB



PHILIPPINE SOCIETY OF BIOCHEMISTRY AND MOLECULAR BIOLOGY
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PRESENT THIS

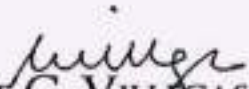
CERTIFICATE OF PARTICIPATION

TO

Precious R. Guevarra

for attending the webinar series of PSBMB - Southern Luzon chapter with the title
"TEACH BMB: Teaching E-learning Activities for Class at Home for
Biochemistry and Molecular Biology" on April 19, 2021 (3 hrs).


MARIA DALISAY G. MALIGALIG, PhD
PSBMB-SLC PRESIDENT


LUCILLE C. VILLAGAS, PhD
OIC-DIRECTOR, INSTITUTE OF BIOLOGICAL SCIENCES
CAS, UPLB



PHILIPPINE GENOME CENTER Program for Agriculture, Livestock, Fisheries, and Forestry in cooperation with University of the Philippines, Los Baños, College, Laguna presents this

Certificate of Appreciation

THIS IS AWARDED TO

Ms. Precious R. Guevarra

for having served as a **FACILITATOR** during the training workshop GENE EDITING WITH CRISPR: A 5-day virtual training workshop held from the 22nd to 26th of March, 2021.

ANTONIO C. LAURENA, PH.D
Program Director, PGC-OVCRE
Project Leader-CRISPR
Capacity Building



Republic of the Philippines
CAVITE STATE UNIVERSITY
Don Severino de las Alas Campus
Indang, Cavite

awards this

Certificate of Recognition

to

PRECIOUS R. GUEVARRA

for having served as **FACILITATOR** during the "TRAINING-WORKSHOP ON
GENETIC DIVERSITY ANALYSIS AND DNA FINGERPRINTING" held at Cavite State
University, Indang, Cavite on July 17-18, 2017.

Given this 18th day of July 2017 at Hostel Tropicana Conference Room,
Cavite State University, Don Severino de las Alas Campus, Indang, Cavite.

HERNANDO D. ROBLES, Ed.D, CEO VI
University President



CORN GERMPLASM UTILIZATION THROUGH ADVANCED RESEARCH AND DEVELOPMENT



awards this

CERTIFICATE OF APPRECIATION

to

PRECIOUS R. GUEVARRA

for serving as *Resource Speaker* during the conduct of the training entitled
**REGIONAL CAPACITY BUILDING TOWARDS GERMPLASM UTILIZATION:
EVALUATING FOR BIOTIC AND MOLECULAR DIVERSITY IN CORN**
(Visayas and Mindanao Cluster)

on March 21 to 24, 2017 at Alpa City Suites Hotel, Mandaue City, Cebu.

Given this 24th day of March, 2017.


ARTEMIO M. SALAZAR

Program Leader
CGUARD


FABIO G. ENRIQUEZ

Chief, Research Division
DA-RFO VII



CORN GERMPLASM UTILIZATION THROUGH ADVANCED RESEARCH AND DEVELOPMENT




awards this

CERTIFICATE OF APPRECIATION

to

PRECIOUS R. GUEVARRA

for serving as *Resource Speaker* during the conduct of the training entitled
**REGIONAL CAPACITY BUILDING TOWARDS GERMPLASM UTILIZATION:
EVALUATING FOR BIOTIC AND MOLECULAR DIVERSITY IN CORN (Luzon Cluster)**
on February 20 to 24, 2017 at Hotel Supreme, Baguio City.
Given this 24th day of February, 2017.


ARTEMIO M. SALAZAR
Program Leader
CGUARD


CAMERON P. ODSEY
OIC-RTD for Research and Regulatory
DA-RFO-CAR

LIFELINE

Certificate of Participation

is hereby granted to:

PRECIOUS GUEVARRA

Credential #: RBA1-2019-0081

for the successful completion of

QX200™ DROPLET DIGITAL PCR
END-USER TRAINING

Conducted on 8/28/2019

University of the Philippines Los Baños - Institute of Plant Breeding, Los Baños, Laguna

BIO-RAD


Roven Bryan C. Aquino
Applications Manager


Wilmar F. Tiri
VP Technical Support



UNIVERSITY OF THE PHILIPPINES LOS BAÑOS
presents this

Certificate of Participation

to

PRECIOUS R. GUEVARRA

for actively participating during the fifth day
of the **Gene Editing with CRISPR: 5 Day Training Workshop**
held at the University of the Philippines Los Baños
given this 26th day of November, 2018.

A handwritten signature in black ink, appearing to read 'Antonio C. Laurena'.

ANTONIO C. LAURENA, PhD
Research Professor 3
Project Leader
CRISPR Project



FEDERATION OF PLANT SCIENCE ASSOCIATIONS OF THE PHILIPPINES, INC.
(formerly FEDERATION OF CROP SCIENCE SOCIETIES OF THE PHILIPPINES)

presents this

CERTIFICATE OF PARTICIPATION

to

**Precious R. Guevarra, Roanne R. Gardoce, Mayamor
Soytong, John Marty C. Mateo, Crislan C. Aglibot
and Hayde F. Galvez**

for presenting the paper entitled

**Mining Natural Sequence and Carotenoid Variation in Tomato to
Design sgRNA Towards CRISPR/CAS9 Gene-Editing**

*Given during the 25th FCSSP / 1st FPSAP Scientific Conference held on
16-21 September 2019 at Apo View Hotel, Davao City.*

TONETTE P. LAUDE
Chair, Paper Committee

RYAN RODRIGO P. TAYOBONG
President





FEDERATION OF PLANT SCIENCE ASSOCIATIONS OF THE PHILIPPINES, INC.
(formerly FEDERATION OF CROP SCIENCE SOCIETIES OF THE PHILIPPINES)

presents this

BEST POSTER AWARD


CROP PRODUCTION AND MANAGEMENT/PROTECTION CATEGORY


to

**APPROACHES TO IN VITRO COSERVATION OF PHILIPPINE
SUGARCANE (*Saccharum officinarum*) GENETIC RESOURCES**

Charmaine G. Alcachupas, Precious R. Guevarra,
Michelle Lyka S. Valle, Visitacion C. Huelgas
and Olivia P. Damasco

Given during the 25th FCSSP / 1st FPSAP Scientific Conference held on
16-21 September 2019 at Apo View Hotel, Davao City.


JONATHAN C. DESCALSOTA
Co-Chair, Poster Committee


RYAN RODRIGO P. DAYOBONG
President





The Department of Science and Technology (DOST)
**PHILIPPINE COUNCIL FOR AGRICULTURE, AQUATIC AND NATURAL
RESOURCES RESEARCH AND DEVELOPMENT (PCAARRD)**

awards this

CERTIFICATE OF COMPLETION

to

Precious R. Guevarra

for having successfully completed the

**TRAINING-WORKSHOP ON TECHNICAL WRITING FOR
PUBLICATION IN A REFEREED JOURNAL**

held on July 1-5, 2019 (40 hours) at the Tagaytay International
Convention Center, Aguinaldo Highway, Tagaytay City.

Given this 5th day of July 2019.


REYNALDO V. EBORA, Ph.D.
Acting Executive Director





UNIVERSITY OF THE PHILIPPINES LOS BAÑOS
presents this

Certificate of Participation

to

PRECIOUS R. GUEVARRA

for actively participating during the fifth day
of the **Gene Editing with CRISPR: 5 Day Training Workshop**
held at the University of the Philippines Los Baños
given this 26th day of November, 2018.

A handwritten signature in black ink, appearing to read 'Antonio C. Laurena'.

ANTONIO C. LAURENA, PhD
Research Professor 3
Project Leader
CRISPR Project

The Philippine Society of Biochemistry and Molecular Biology

presents this



CERTIFICATE OF RECOGNITION

to

**PRECIOUS R. GUEVARRA, DESIREE C. DIAZ
and ALMA O. CANAMA**


as

POSTER PRESENTER

with the paper entitled

"Assessment of genetic diversity based on individual samples from selected traditional corn germplasm using SSR markers"

*during the 44th Annual Convention of the Philippine Society of Biochemistry and Molecular Biology,
with the theme "Biochemistry and Molecular Biology: From Niche to the Nation",
held on 27 - 30 November 2017 at the Taal Vista Hotel, Tagaytay City.*


Apolinario V. Yambot, Ph.D.
President, PSBMB


Francisco M. Heralde III, Ph.D.
Chair, National Organizing
Committee


Orlex B. Millano, Ph.D.
Chair, Local Organizing
Committee


Ian Kendrick C. Fontanila, Ph.D.
Chair, Scientific Posters Committee



**PHILIPPINE ASSOCIATION FOR PLANT TISSUE CULTURE
AND BIOTECHNOLOGY-PAPTCB INC.**

presents this

CERTIFICATE OF APPRECIATION

to

**Precious R. Guevarra, Jaclyn Nicole R. Uy, Michelle Lyka S.
Valle, Jonathan C. Descalsota, Visitacion C. Huelgas and Olivia
P. Damasco**

for presenting their study in the ORAL PRESENTATION CATEGORY entitled

**GENOTYPIC RESPONSE OF SELECTED PHILIPPINE SUGARCANE (*Saccharum officinarum*)
ACCESSIONS TO VARIOUS CONCENTRATIONS OF 6-BENZYLAMINOPURINE (BAP) UNDER IN
VITRO CONDITIONS**

in the 11th PAPTCB Inc. Scientific Convention

Given this 10th day of July 2018 at Bohol Bee Farm, Davao, Panglao Island, Bohol Philippines

EMMANUEL L. BERNARDO
Secretary

VILLALUZ Z. ACEDO
President



**PHILIPPINE ASSOCIATION FOR PLANT TISSUE CULTURE
AND BIOTECHNOLOGY-PAPTCB INC.**

presents this

CERTIFICATE OF APPRECIATION

to

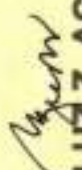
**Precious R. Guevarra, Jaclyn Nicole R. Uy, Michelle Lyka S.
Valle, Jonathan C. Descalsota. Visitacion C. Huelgas and Olivia
P. Damasco**

for presenting their study in the POSTER PAPER PRESENTATION entitled
**IN VITRO INITIATION OF FOUR COMMERCIAL VARIETIES OF SUGARCANE
(Saccharum officinarum) SUBJECTED TO VARIOUS CONCENTRATIONS OF
6-BENZYLAMINOPURINE**

in the 11th PAPTCB Inc Scientific Convention

Given this 12th day of July, 2018 at Bohol Bee Farm, Davao, Panglao Island, Bohol Philippines

EMMANUEL L. BERNARDO
Secretary


VILLALUZ Z. ACEDO
President

The Philippine Society of Biochemistry and Molecular Biology

presents this



CERTIFICATE OF RECOGNITION

to

**PRECIOUS R. GUEVARRA, DESIREE C. DIAZ
and ALMA O. CANAMA**


as

POSTER PRESENTER

with the paper entitled

"Assessment of genetic diversity based on individual samples from selected traditional corn germplasm using SSR markers"

*during the 44th Annual Convention of the Philippine Society of Biochemistry and Molecular Biology,
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Apolinario V. Yambot, Ph.D.
President, PSBMB


Francisco M. Heralde III, Ph.D.
Chair, National Organizing
Committee


Orlex B. Millano, Ph.D.
Chair, Local Organizing
Committee


Ian Kendrick C. Fontanila, Ph.D.
Chair, Scientific Posters Committee



**Philippine Genome Center
Program for Agriculture, Livestock, Fisheries, and Forestry
in cooperation with
SEAMEO – SEARCA**

Awards this

CERTIFICATE OF ATTENDANCE

to

PRECIOUS R. GUEVARRA

for participating in the Bioinformatics Symposium entitled:

"Demystifying Bioinformatics"

held on the **7th of August 2017** from 2:00pm to 4pm
at the Umali Auditorium of SEARCA in the UPLB Campus, College, Laguna

ANTONIO C. LAURENA, PhD
Director, PGC – Agriculture



Republic of the Philippines
Department of Science and Technology
NATIONAL ACADEMY OF SCIENCE AND TECHNOLOGY

presents this

Certificate of Appreciation

to

**Allelic Diversity of Selected Philippine
Native Maize (*Zea Mays* L.) Populations
Resistant and Susceptible to Corn Borer**

Precious R. Guevarra,
Desiree Diaz,
Alma O. Canama

Given this 12th day of July 2018
Manila, Philippines

VIRGINIA C. CUEVAS
Chair, Scientific Posters Committee

RHODORA V. AZANZA
President



The Philippine Society of Biochemistry and Molecular Biology

presents this



CERTIFICATE OF RECOGNITION

to

**PRECIOUS R. GUEVARRA, DESIREE C. DIAZ
and ALMA O. CANAMA**


as

POSTER PRESENTER

with the paper entitled

"Assessment of genetic diversity based on individual samples from selected traditional corn germplasm using SSR markers"

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President, PSBMB


Francisco M. Heralde III, Ph.D.
Chair, National Organizing
Committee


Orlex B. Yllano, Ph.D.
Chair, Local Organizing
Committee


Ian Kendrick C. Fontanila, Ph.D.
Chair, Scientific Posters Committee



Republic of the Philippines
Department of Science and Technology
NATIONAL ACADEMY OF SCIENCE AND TECHNOLOGY

presents this

Certificate of Attendance

to

PRECIOUS R. GUEVARRA

38th Annual Scientific Meeting
Theme: "Looking Back and Looking Forward"
13 July 2016 | Manila, Philippines


LUNINGNING E. SAMARITA-DOMINGO
Director IV




Republic of the Philippines
Department of Science and Technology
NATIONAL ACADEMY OF SCIENCE AND TECHNOLOGY

presents this

Certificate of Appearance

This certifies that PRECIOUS R. GUEVARRA of IPB, UPLB
has personally appeared and attended the 38th Annual Scientific Meeting of the National Academy of
Science and Technology on 13 July 2016 at the Manila Hotel, One Rizal Park, Manila.

Issued upon the request of the above person for whatever purpose it may serve.


LUNINGNING E. SAMARITA-DOMINGO
Director IV





Institute of Plant Breeding-Crop Science Cluster

College of Agriculture

Institute of Computer Science

College of Arts and Sciences

University of the Philippines Los Baños

and

Philippine Genome Center Program for Agriculture

present this

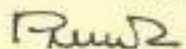



CERTIFICATE OF PARTICIPATION

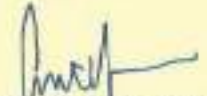
to

Precious Guevarra

for her active participation in the *Bioinformatics Workshop Series 3: Genome Database and Mining* held this 14th to 15th of January 2016 at the Institute of Computer Science, University of the Philippines Los Baños.


POMPE C. STA. CRUZ
Director, CSC and IPB


JAIME M. SAMANIEGO
Director, Institute of
Computer Science, UPLB


ANTONIO C. LAURENA
Director, PGC Program for
Agriculture

Phi Sigma Society



Dedicated to the Promotion of Research in the Biological Sciences

By this certificate warrants that

PRECIOUS R. GUEVARRA

was duly elected a member of the

Alpha Phi Chapter

of

Phi Sigma Society

on the

18th day of May 2015

*and is fully entitled to the privileges
granted by the Constitution and By-laws*



Catherine Woodworth Wong

NATIONAL EXECUTIVE SECRETARY-TREASURER

Sonia D. Jacinto

SONIA D. JACINTO, PhD

CHAPTER PRESIDENT

Pierangeli G. Vital

PIERANGELI G. VITAL, PhD

CHAPTER SECRETARY



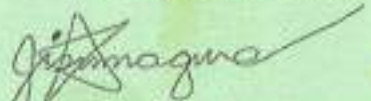
University of the Philippines Los Baños
U.P. League of Agricultural Biotechnology Students

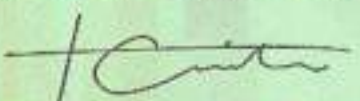
Certificate of Recognition

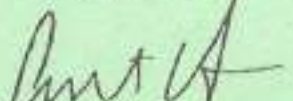
This certificate is given to

PRECIOUS R. GUEJARRA

For the participation in the symposium entitled "Enhancement of Food Nutritional Value Through Agricultural Biotechnology" held in Drilon Hall, SEARCA-UPLB on November 29, 2013.


Joshua Israel V. Sumague
Activity Head


Josef Gregori Y. Criador
Activity Head


Dr. Antonio Laurena
Senior Adviser



University of the Philippines Los Baños
Learning Resource Center



Certificate of Participation

This certifies that

PRECIOUS R. GUEVARRA

participated in the 2nd session on **Basic Data Management & Analysis: Use Excel like a Pro** in the webinar series:
Making Sense of Data: A Practical Guide in Managing, Analyzing, and Visualizing your Research Findings
held on July 3, 2020. Given this 3rd day of July 2020 at the Learning Resource Center, UPLB, College, Laguna.

A handwritten signature in black ink, appearing to read "benjaminapaula-g-flor".

Dr. Benjamina Paula G. Flor

Director



University of the Philippines Los Baños
Learning Resource Center



Certificate of Participation

This certifies that

PRECIOUS R. GUEVARRA

participated in the 1st session on **Data Visualization: Fundamentals & Best Practices** in the webinar series:
Making Sense of Data: A Practical Guide in Managing, Analyzing, and Visualizing your Research Findings
held on July 1, 2020. Given this 1st day of July 2020 at the Learning Resource Center, UPLB, College, Laguna.

Dr. Benjamina Paula G. Flor

Director

CERTIFICATE

This certificate is presented to:

Precious R. Guevarra

For his/her participation in the ASEAN Data Science Explorers 2021 Enablement Session



Verena Siow
President and Managing Director,
SAP Southeast Asia



Dr Yang Mee Eng
Executive Director,
ASEAN Foundation



National Training Center for Biosafety and Biosecurity
National Institutes of Health
University of the Philippines Manila



CERTIFICATE OF COMPLETION

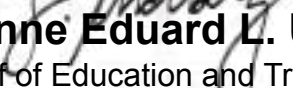
is awarded to

Precious R. Guevarra


for having completed the

Biosafety Education and Awareness Training against COVID-19
(NTCBB-BEAT COVID-19-905)
(16 Hours)

Completed on **14 May 2020**

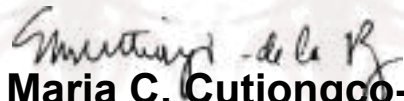

Dr. Gianne Eduard L. Ulanday
Chief of Education and Training


Dr. Rodel Jonathan S. Vitor II
Chief of Instructional Systems Design


Dr. Rohani C. Navarro
Course Director


Dr. Raul V. Destura
Director, NTCBB




Dr. Eva Maria C. Cutiongco-de la Paz
Executive Director, NIH



INSTITUTE OF PLANT BREEDING
Crop Science Cluster, College of Agriculture
University of the Philippines Los Baños
College, Laguna, Philippines

awards this

CERTIFICATE OF APPRECIATION

to

PRECIOUS R. GUEVARRA

for serving as Resource Person

ON-THE-JOB TRAINING

*conducted by the Institute of Plant Breeding, Crop Science Cluster, College of Agriculture,
University of the Philippines Los Baños from June 6-July 29, 2016*

Given this 1st day of August 2016.

POMPE C. STA. CRUZ

Director

