



VSU R&D ANNUAL REPORT

Center/College/Department: Advanced Research and Innovation Center

Name of Project: VSU-IP-2021-6: Bioactivity and molecular characterization of lead compounds from candidate antidiabetic indigenous plants

A. Research papers/posters disseminated/presented

TITLE OF PAPER/POSTER	DATE, VENUE	RESEARCHERS/PRESENTERS
a. Institutional		
b. Regional		
Biochemical Characterization and Phytochemical Profiling of Underutilized Root and Tuber Crops for Increased Utilization and Product Development Options	32 nd Joint ViCARP and RRDEN Regional RDE Symposium March 24, 2021 via Zoom	EETulin ABTulin EATulin CMCardaño
d. International		

B. Attendance of researchers to scientific *fora*/ training/workshop/seminars

TITLE	DATE, VENUE	RESEARCHERS ATTENDED
a. Institutional		
Patent Drafting cum Writeshop /Webinar	Nov. 19, 20,21 2021 via Zoom	Jo Jane D. Atok
Patent Search Lecture	November 16, 2021 via Zoom	Jo Jane D. Atok
Seminar/Lecture on Intellectual Property Awareness and Commercialization of Technologies	Nov. 04, 2021 via Zoom	Jo Jane D. Atok
Coronavirus vaccine: Are you willing to take the shot?"	February 23, 2021 via Zoom	Jo Jane D. Atok
ScienceDirect Articles and Journals Choosing the Right One for Your Research DOST, PCIEERD	January 21, 2021 Virtual	Jo Jane D. Atok
b. Regional		
Regional Health Research Symposium	November 24-25, 2021	Jo Jane D. Atok
EVHRDC Training-Workshop on Molecular and Biotechnological Health Research	October 13, 14, & 15 via Zoom	Jo Jane D. Atok
32 nd Joint ViCARP and RRDEN Regional RDE Symposium ViCARP and RRDEN	Virtual March 23-24, 2021	Jo Jane D. Atok
c. National		
Virtual-Cluster Farm Industry Encounters through the S&T Agenda (FIESTA) on MANGO	Dec 3, 9-10 and 16-17, 2021	Jo Jane D. Atok
PHREB National Conference	November 9-10, 2021	Jo Jane D. Atok

Laboratory Animal Training for Biomedical Research UP Natural Sciences Research Institute UP Diliman Animal Care and Use Committee Philippine Council for Health Research and Development	April 12, 21,26, 2021 and May 03, 2021 Virtual	Jo Jane D. Atok
Virtual Workshop on Gene Editing with CRISPR Philippine Genome Center with University of the Philippines Los Baños, Laguna, Philippines	March 22-26, 2021 Virtual	Jo Jane D Atok
Livestock Biotechnology Center – Virtual Research Proposal DA-Livestock Biotechnology Center @ Philippine Carabao Center National Headquarters and Genepool Science City of Munoz, 3120 Nueva Ecija	Virtual February 23-24 and 26, 2021	Jo Jane D Atok
HERDIN PLUS Online Learning Philippine Council for Health Research and Development Department of Science and Technology Taguig City, Metro Manila, Philippines	Virtual January 06 2021	Jo Jane D Atok
d. International		
1st International Webinar Series	July 21-23, 2021	Jo Jane D. Atok

C. Technologies/Information patented and commercialized

- Technology patented (**Please give a brief description of the technology, generator and the status of patenting**)
- Technology commercialized (**Please give a brief description of the product, impact and the researcher/generator**)

D. Research papers published

	TITLE	AUTHOR (S)	DATE/YEAR/PUBLICATION/ PUBLISHER	
a. Refereed Journal	None			
Institutional				
National				
International				
b. Semi-popular publ'n (newsletter, etc.)				
c. Popularized pub'ln (technoguides, etc.)				
d. Book Chapter/s				
e. Books				

E. R and D awards and recognitions received

NAME OF AWARDS	TITLE OF PAPER/ POSTER GAINED AWARD	RECIPIENT/ S	PLACE AWARDED	DATE AWARDED	AWARD OBTAINED (Plaque; if cash, indicate amount)	SPONSORING AGENCY
a. Institutional						

b. Regional						
Outstanding Paper Award (1 st Place)	Biochemical characterization and phytochemical profiling of underutilized root and tuber crops for increased utilization and product development options	EETulin ABTulin EATulin CMCardaño	Virtual via Zoom	March 24, 2021	Plaque of Recognition (Cash Price: Php. 20,000)	
d. International						

F. R and D inter-agency linkages forged/maintained

NAME OF AGENCY	NATURE OF LINKAGE	Brief Description of Linkage	Remarks (specify amt generated, etc.)
a. Local (with LGUs, NGOs, POs)			
b. Regional			
c. National			
d. International			

G. List of Ongoing/ Completed R&D Projects

Program/Project/ Study Title	Proponent/s	Collaborator/cooperator	Lead Agency	Collaborating Agency
Biological Activity and Chemistry of Essential Oils for Agriculture, Pharmaceuticals and Industry – <i>On-going</i>	Edgardo E. Tulin, Anabella B. Tulin, Ma. Theresa P. Loreto	Ladislav Kokoska, Patrick Van Damme, Somdej Kanokmedhakul, Samnang Nguon, Siakka Diarra, Sanjay Anand	Visayas State University - ARI Center	
Bioactivity and molecular characterization of lead compounds from candidate antidiabetic indigenous plants	Edgardo E. Tulin, Jo jane D. Atok	Czech University of Life Sciences Prague Kamycka 129 165 21 Prague 6	Visayas State University - ARI Center	

H. List of Trainings/ Seminars/ Workshops Conducted

Title of Training/Seminar/Workshop	Date conducted	Venue	No. of Participants	Sponsoring Agencies

I. List of equipment/facilities purchased/enhanced

Equipment Purchased/ Upgraded/ Facilities Enhanced	Location/ Agency	Expenditure/ Cost	Source of Funds

Prepared by:

EDGARDO E. TULIN

Project Leader

Date: _____