

**THE EFFECTS OF *Capsicum annum* (BELL PEPPER)
FRUIT CRUDE EXTRACT ON THE ANGIOGENESIS
OF A 10-DAY-OLD DEVELOPING EMBRYO
OF *Anas luzonica* (PHILIPPINE DUCK)**



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ABSTRACT

The research was done to find out if the variation of *Capsicum annuum* and its different concentrations will have an effect on the angiogenic activity of the developing 10-day-old embryo of *Anas luzonica*. The study used three different varieties of *C. annuum*, namely red, green, and yellow. The concentrations that were used on the research were 150 ppm, 200 ppm, and 250 ppm. The different concentrations and variety of *C. annuum* were used to tabulate the data whether there will be significant angiogenic effects on the developing embryo of *A. luzonica*. The study used the Two-Factor Analysis of Variance to determine the significance of the results. The Tukey method and DMRT Method was used to compare these significant differences, which included the different concentrations and varieties of *C. annuum*.

The study concluded that the varying concentration of *C. annuum*, which was induced on the developing embryo of *A. luzonica*, showed significant results due to the increase in the blood vessel formation of the 10-day-old developing embryo of *A. luzonica*.

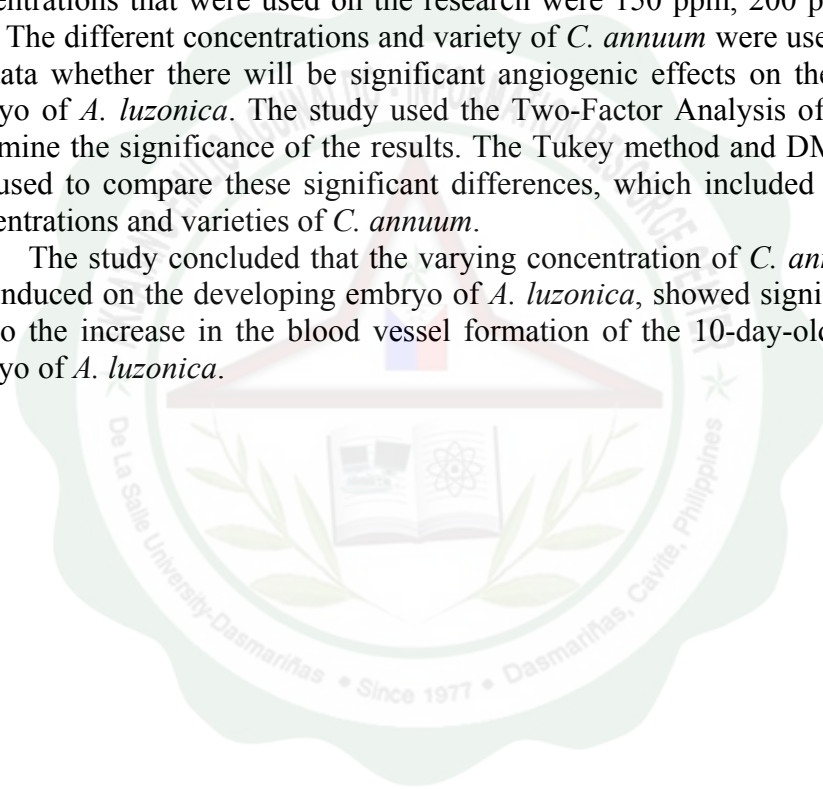


TABLE OF CONTENT

Title Page	1
Approval Sheet	2
Abstract	3
Acknowledgement	4
Table of Contents	5
List of Tables	7
List of Plates	8
CHAPTER 1 INTRODUCTION	
1.1 Background of the study	10
1.2 Conceptual Framework	12
1.3 Statement of the Problem	12
1.4 Scope and Limitation	13
1.5 Significance of the study	14
1.6 Definition of terms	15
CHAPTER 2 LITERATURE REVIEW	
2.1 Conceptual Literature	17
2.2 Related Studies	20
CHAPTER 3 METHODOLOGY	
3.1 Research Design	23
3.2 Research Setting	23

3.3 Research Procedure	24
3.4 Data Gathering and Statistical Analysis	26
CHAPTER 4 RESULT AND DISCUSSION	
4.1 Results	28
4.2 Discussion	31
CHAPTER 5 SUMMARY, CONCLUSION AND RECOMMENDATION	
5.1 Summary	33
5.2 Conclusion	33
5.3 Recommendations	34
Cited References	36
Appendices	
A. Procedure	
B. Raw Data	
C. Statistical Results	
D. Photo Documentation	
E. Curriculum Vitae	

LIST OF TABLES

- Table 4.1** Average results of the concentration and variety of *C. annuum*
- Table 7.1** Number of branching blood vessels in the CAM of the developing embryo of *A. Luzonica* used with different concentrations of *C. annuum* fruit crude extract and its different variety
- Table 7.2** Two-way ANOVA Table of control to different concentration and variety of *C. annuum*, for level of significance of the experiment.
- Table 7.3** Tukey table of the comparison between the different concentrations of *C. annuum*
- Table 7.4** DMRT table of comparisons between the degrees of significance of the concentration of the fruit crude extract
- Table 7.5** Tukey table of the comparison between the different varieties of *C. annuum*
- Table 7.6** DMRT table of the comparisons between the degrees of significance of the varieties of *C. annuum*

LIST OF PLATES

- Plate 7.1 A.** Measuring of distilled water for the solution, specifically 1 liter
- Plate 7.1 B.** Measuring the concentration of Bell pepper (150, 200, 250 ppm)
- Plate 7.1 C.** Mixing both solvent and the solute to form the solution needed for the experiment
- Plate 7.2** An instrument used to see the different parts of the egg, usually contain a light bulb
- Plate 7.3 A** Inducing the solution in the egg with the use of a sterilized syringe with different concentration and different varieties of bell pepper
- Plate 7.3 B.** Resealing of the eggs after opening a hole in the air sack of the egg
- Plate 7.4 A.** Arrangement of the egg and ready for incubation for two days
- Plate 7.4 B.** Arrangement of eggs in the tray for the incubation stage of the egg and for the continuous development of the embryos
- Plate 7.5 A.** Breaking off of the shell and exposing the CAM of the egg to allow the observer count the blood vessel formation
- Plate 7.5 B.** Gathering of raw data; counting the number of the branches of blood vessels from the main branch of the embryo
- Plate 7.6 A.** Arrangement of the egg and ready for the incubation for two days
- Plate 7.6 B.** Arrangement of eggs in the tray for the incubation stage of the egg and the continuous development of the embryos

- Plate 7.7 A.** Breaking off of the shell and exposing the CAM of the egg
- Plate 7.7 B.** Gathering of raw data; counting the number of the branches of blood vessels from the main branch of the embryo
- Plate 7.8** Variety of bell pepper used in the experiment
- Plate 7.9** Image of the CAM of the embryo that is usually seen without a binocular microscope
- Plate 7.10 A** Image taken from a microscope of the control organism
- Plate 7.10 B** Image of CAM with a concentration of 150 ppm green bell pepper
- Plate 7.10 C** Image of CAM with a concentration of 200 ppm green bell pepper
- Plate 7.10 D** Image of CAM with a concentration of 250 ppm green bell pepper
- Plate 7.10 E** Image of CAM with a concentration of 150 ppm red bell pepper
- Plate 7.10 F** Image of CAM with a concentration of 200 ppm red bell pepper
- Plate 7.10 G** Image of CAM with a concentration of 250 ppm red bell pepper
- Plate 7.10 H** Image of CAM with a concentration of 150 ppm yellow bell pepper
- Plate 7.10 I** Image of CAM with a concentration of 200 ppm yellow bell pepper
- Plate 7.10 J** Image of CAM with a concentration of 250 ppm yellow bell pepper