

## Profile of Dr. Amena Sultana

**Dr. Amena Sultana**  
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### A. Personal Information:

Spouse name	Dr. Mohammad Issak
Mother's name	Mrs. Shahana Parvin
Father's name	Abu Taher
Permanent address	Village- Hizline, Post Office-Lemubari, PS- Manikgonj Sadar, District-Manikgonj-1800
Nationality	Bangladeshi (by birth)
Date of Birth (d/m/y)	30/12/1981
Gender	Female
Marital Status	Married
Blood Group	O + <sup>ve</sup>

### B. Educational Background:

Exam Name	Board/University	Major	Division/Class/CGPA/Grade	Yr. of Passing
PhD	Okayama University, Japan	Bioscience	A	2013
M.S.	Sher-e-Bangla Agricultural University, Bangladesh	Entomology	3.44 out of 4.00	2007
B.Sc.Ag. (Hons.)	Sher-e-Bangla Agricultural University, Bangladesh	Agriculture	2nd Class (59.53%)	2004
H.S.C.	Dhaka Board, Bangladesh	Science	Frist Division (64.7%)	1998
S.S.C.	Dhaka Board, Bangladesh	Science	Frist Division (75.5%)	1996

### C. Publications:

#### International Journal

- A. Sultana**, I. Minami, R. Ichiba, M. Issak, M. Tada, Y. Nakamura, T. Miyatake, S. Todoriki and Y. Murata. Effects of  $\gamma$ -irradiation on larval and adult stages of *Tribolium castaneum* (Red Flour Beetle). *Food Irradiation*.
- A. Sultana**, I. Minami, D. Matsushima, M. Issak, Y. Nakamura, S. Todoriki, and Y. Murata. Catalase, CAT2, is not involved in mitigation of gamma irradiation-induced H<sub>2</sub>O<sub>2</sub> accumulation or lipid peroxidation in *Arabidopsis thaliana*. *Food Irradiation*.
- A. Sultana**, I. Minami, D. Matsushima, M. Issak, Y. Nakamura, S. Todoriki, and Y. Murata. Catalases, CAT1 and CAT3, are not key enzymes to alleviate gamma irradiation-induced DNA damage, H<sub>2</sub>O<sub>2</sub> accumulation, or lipid peroxidation in *Arabidopsis thaliana*. *Bioscience, Biotechnology & Biochemistry*.
- M. Issak, G.N.C. Sutradhar, M.M. Rahman, J. Firdousi, A.T.M. Hossain and **A. Sultana**. Direct and residual effect of rock phosphate on growth and yield of rice in an acidic soil. *International Journal of Agriculture, Environment & Biotechnology*, 3 (1):15-20, 2010.
- M. Issak, **A. Sultana**, E. Okuma, S. Munimasa, Y. Nakamura, and Y. Murata. Involvement of endogenous salicylic acid in yeast elicitor- or chitosan-induced stomatal closure in *Arabidopsis*. **(Submitted in a peer reviewed international journal)**.

## National Journal

1. **Sultana A**, Rahman MM, Ali MR, Issak M and Hossain ATM. Effect of IPM components on the yield of bitter gourd at different fruiting stages. (Submitted in a peer reviewed national journal)
2. **Sultana A**, M.M. Rahman, M.R. Ali, M. Issak and A.T.M. Hossain. Effect of IPM components against the infestation caused by fruitfly (*Bactrocera cucurbita*) at different fruiting stages of bitter gourd. *Bangladesh Journal of Progressive Science and Technology*. 8 (1):131-134, 2010.
3. M. Issak, G.N.C. Sutradhar, M.S.I. Bhiuyan, J. Firdousi and **A. Sultana**. Direct and residual effect of rock phosphate on the yield contributing characters of rice-rice cropping pattern in an acidic soil. *Bangladesh Journal of Progressive Science and Technology*. 8(1):127-130, 2010.

### **D. Attending Seminars and Symposium**

#### **Oral Presentation**

1. Effects of gamma irradiation on *Tribolium castaneum* (Red flour beetle) at different metamorphosis stages. **Amena Sultana**, Ikiko Minami, Ryuji Ichiba, Mohammad Issak, Mikiro Tada, Yoshimasa Nakamura, Takahisa Miyatake, Setsuko Todoriki, Yoshiyuki Murata. Okayama Bioactive Research Society & Okayama University. Bioactive Okayama, Japan, September 13, 2012.
2. Catalases, CAT1 and CAT3, are not key enzymes to alleviate gamma irradiation-induced DNA damage, H<sub>2</sub>O<sub>2</sub> accumulation, or lipid peroxidation in *Arabidopsis thaliana*. **Amena Sultana**, Ikiko Minami, Daiki Matsushima, Mohammad Issak, Yoshimasa Nakamura, Setsuko Todoriki, Yoshiyuki Murata. Japan Society for Bioscience, Biotechnology and Agrochemistry. JSBBA meeting 2013, Hiroshima, Japan, September 6-7.
3. Catalase, CAT2, is not involved in mitigation of gamma irradiation-induced H<sub>2</sub>O<sub>2</sub> accumulation or lipid peroxidation in *Arabidopsis thaliana*. **Amena Sultana**, Ikiko Minami, Daiki Matsushima, Mohammad Issak, Yoshimasa Nakamura, Setsuko Todoriki, Yoshiyuki Murata. Japan Society for Bioscience, Biotechnology and Agrochemistry. JSBBA meeting 2013, Hiroshima, Japan, September 6-7.

#### **Poster Presentation**

1. Effects of  $\gamma$  irradiation on *Tribolium castaneum* (Red flour beetle) at different metamorphosis stages. **Amena Sultana**, Ikiko Minami, Ryuji Ichiba, Mohammad Issak, Mikiro Tada, Yoshimasa Nakamura, Takahisa Miyatake, Setsuko Todoriki, Yoshiyuki Murata. Okayama Bioactive Research Society & Okayama University. Bioactive Okayama, Japan, September 13-14, 2012.
2. Gamma radiation sensitivity in different stages of *Tribolium castaneum* (Red flour beetle). **Amena Sultana**, Ikiko Minami, Mohammad Issak, Yoshimasa Nakamura, Yoshiyuki Murata. Division of Bioscience, Graduate School of Natural Science and Technology, Okayama University, Okayama, Japan, July 29, 2011.