**Publications**

**Peer- reviewed journal articles**

* **Neupane**, **A**., Feng, C., Mochama, PK., Saleem H., and Lee Marzano SY. (2019). Roles of Argonautes and Dicers on Sclerotinia sclerotiorum Antiviral RNA Silencing. *Frontiers in Plant Science*; 10:976.
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* **Neupane, A.**, Feng, C., Feng, J., Kafle, A., Bücking, H., and Marzano, SY. (2018) Metatranscriptomic Analysis and In Silico Approach Identified Mycoviruses in the Arbuscular Mycorrhizal Fungus *Rhizophagus* spp. *Viruses* 10 (12), 707.
* Neupane, S., Schweitzer, SE., **Neupane**, **A**., Andersen, EJ., Fennell, A., Zhou and Nepal, MP. (2019). Identification and Characterization of Mitogen-Activated Protein Kinase (MAPK) Genes in Sunflower (*Helianthus* *annuus* L.). *Plants (Basel)* 8.
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* Mochama, P., Jadhav, P., **Neupane**, **A**., Marzano, SY. (2018) Mycoviruses as Triggers and Targets of RNA Silencing in White Mold Fungus *Sclerotinia sclerotiorum*. *Viruses* 10 (4).
* S. Piya, **Neupane**, **A**.,Butler, J., Larson, GE.,andNepal, MP. (2014) Genetic Diversity and Population Structure of Sickleweed (*Falcaria vulgaris* L.) in the Upper Midwest USA Midwest USA. *Biological Invasions* 2014:1-11.
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* Piya, S., **Neupane**, **A**., Butler, J., Larson, GE., and Nepal, MP. (2012)**.** Inferring the introduction history of sickleweed (*Falcaria vulgaris* L.) in the United States. *Proceedings of the South Dakota Academy of Science*; 91:113-129.

**Presentations**

* **Neupane**, **A**., and Marzano, S. Profiling the Classes of the RNA Editing in Virus-derived small RNAs in White Mold *Sclerotinia* *sclerotiorum*. *American Society for Virology*, 2019, 20-24 July, Minneapolis, USA (Oral).
* **Neupane**, **A**., Mochama, P., Saleem, H., Marzano, S. Roles of Dicers and Argonautes on *Sclerotinia* *sclerotiorum* Antiviral Small RNA Processing. *Plant and Animal Genome Conference XXVII*, 2019, 12-16 January, San Diego, CA, USA (Poster).
* Smith, A., **Neupane**, **A**., Ellis, J., Afrin, S., Burow, R., Stinson, C., Leo, P., Cristino, A., Moore, A. MEK inhibitor resistance in acute myeloid leukaemia. *New Direction in Leukaemia Research*, 2016, 16-19 March, Peppers Noosa, Australia (Poster)
* Leo, P., **Neupane**, **A**., Bassal, M., Maung, Z., Newell, F., Ellis, M., Boxall, G., Smith, A., Marlton, P., D'Andrea, R., Gonda, T., Brown, M., Saal, R., Moore, A. Gene Discovery in Acute Myeloid Leukaemia: somatic and germline mutations. *International Congress of Immunology*, 2016, 21-26 August, Melbourne, Australia (Oral).
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* **Neupane**, **A**., Piya, S., Subramanian, S., Rohila, JS., Reese, N., and Nepal, MP. A Nomenclatural Conundrum: Applying Existing Nomenclature to the Identification of Soybean (*Glycine max*) MAP Kinase Genes. *ASPB Midwestern Sectional Society* 2012, 24-25 March. Lincoln, NE, USA (Poster).

**Neupane**, **A**., Anjorin, C., Song, X., and Kumar, D. Anticancer Activity of Novel Ionic Triorganotin Derivatives against MDA-MB 231 Breast Cancer Cells. *HBCU-UP National Research Conference* 2009, October 29-November 1. Washington, DC, USA (Poster).