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Sweta Shrestha

EXPERIENCE

Research Intern

Annapurna Research Center Kathmandu, Nepal
October-2016 - May-2017

Research Assistant

Kalapas Biotech Pvt. Ltd. Kathmandu, Nepal
February-2018 - June-2018

EDUCATION

PhD in Molecular and Cellular Biology (MCB)

Dartmouth College Hanover, New Hampshire, USA
Aug 2018-Present

Bachelor of Science in Biotechnology

SANN International College Kathmandu, Nepal
2012-2016

PROJECTS

Undergraduate Thesis Project: Association of Parental Methylenetetrahydrofolate reductase (MTHFR) C677T Gene Polymorphism in couples with Recurrent Pregnancy Loss. (**Supervised by Mr. Anil K. Sah and Mr. Yuvraj KC**)

Rotation Project: Analysis of mitotic and G1 timing in stem cells. (Supervised by **Dr. Duane A. Compton**)

Rotation Project: Cohesion Rejuvenation screen and X chromosome shuffling in *Drosophila melanogaster*. (**Supervised by Dr. Sharon E. Bickel**)

Rotation Project: Characterization of Cynomolgus Macaque FcγRs and Anti-α4β7 mAb Fc Characterization. (**Supervised by Dr. Margaret E. Ackerman**)

HONORS & AWARDS

MCB Fellowship Award 2018

Student Excellence Award 2012

PUBLICATIONS

Sah AK, Shrestha N, Joshi P, Lakha R, **Shrestha S**, Sharma L, Chandra A, Singh N, Kc Y, Rijal B." Association of parental methylenetetrahydrofolate reductase (MTHFR) C677T gene polymorphism in couples with unexplained recurrent pregnancy loss." *BMC Research Notes*. 2018 April 5.

PRESENTATIONS

Shrestha N, Joshi P, Lakha R, **Shrestha S**. "Association of parental methylenetetrahydrofolate reductase (MTHFR) C677T gene polymorphism in couples with unexplained recurrent pregnancy loss." Nepal Academy of Science and Technology (NAST), DNA day, Lalitpur, Nepal. 2017 (poster)

"Association of parental methylenetetrahydrofolate reductase (MTHFR) C677T gene polymorphism in couples with unexplained recurrent pregnancy loss." Annapurna Research Center, Bigyan Chautari, Kathmandu, Nepal. 2018 (oral)