



ANUCHA SATHANAWONGS

อนุชา สรณรงค์

ACADEMIC POSITION:

Assistant Professor

E-MAIL:

ANUCHA.SA@CMU.AC.TH,
SATHANAWONGS@GMAIL.COM

CONTACT :

Division of Veterinary Preclinical Sciences
Department of Veterinary Bioscience
and Veterinary Public Health

RESEARCH INTERESTS:

- THERIOGENOLOGY

EDUCATION

Diplomate, Thai Board of Theriogenology (DTBT), Veterinary Council of Thailand

Chiang Mai University, Chiang Mai, Thailand

PH.D. (BIOTECHNOLOGY)

Chiang Mai University, Chiang Mai, Thailand

M.S. (HEALTH SCIENCE)

Chulalongkorn University, Bangkok, Thailand

D.V.M. (SECOND CLASS HONORS)

MOST RECENT PUBLICATIONS :

1. Cao, Z., Zhang, L., Hong, R., ...**Sathanawongs, A.**, Zhang, Y. METTL3-mediated m6A methylation negatively modulates autophagy to support porcine blastocyst development. *Biology of Reproduction*, 2021, 104(5), pp. 1008-1021.
2. Khunkaew, C., Patchanee, P., Panasophonkul, S., ...Zhang, Y., **Sathanawongs, A.** Cryopreservation methods of Thai native chicken (Pradu-hangdum) semen: effect of different freezing containers on motion and kinetic parameters of frozen-thawed sperm. *Thai J Vet Med*. 2021. 51(3): . doi: <https://doi.org/10.14456/tjvm.2021>.
3. Khan, I.M., Cao, Z., Liu, H., ...**Sathanawongs, A.**, Zhang, Y. Impact of Cryopreservation on Spermatozoa Freeze-Thawed Traits and Relevance OMICS to Assess Sperm Cryo-Tolerance in Farm Animals. *Frontiers in Veterinary Science*, 2021, 8, 609180.
4. Khunkaew, C., Patchanee, P., Panasophonkul, S., ...Zhang, Y., **Sathanawongs, A.** The sperm longevity and freezability in the modified bhsv extender of thai pradu-hangdum chicken. *Veterinary Integrative Sciences*, 2021, 19(2), pp. 161-172.
5. Yu, T., Qi, X., Zhang, L., ..., **Sathanawongs, A.**, Cao, Z., Zhang, Y. Dynamic reprogramming and function of RNA N6-methyladenosine modification during porcine early embryonic development. *Zygote*, 2021.
6. Sirirat Kanthiya, Primprao Jitborisutthipong, Sorn Teepatimakorn, VeerasakPunyapormwithaya , Junya Ito and **Anucha Sathanawongs.** The effect of semen collection interval on semen quality in frozen bull semen production. *Veterinary Integrative Science*. (2020). 18(1): 53 - 60.
7. Thitaram C, Matchimakul P, Pongkan W, Tangphokhanon W, Maktrirat R, Khonmee J, **Sathanawongs A**, Kongtueng P, Nganvongpanit. Histology of 24 organs from Asian elephant calves (*Elephas maximus*). *PeerJ* (2018). 6(3):e4947.