



Daniela Lozano Amado

Postdoctoral Scholar, Infectious Diseases

Bio

HONORS AND AWARDS

- National Researcher Candidate, Mexico's National Researchers System (SNI) CONACyT (2020)
- Postdoctoral Fellowship, CONACyT Mexico (2019)

PROFESSIONAL EDUCATION

- Doctor of Science, Instituto Politecnico Nacional (2018)
- Master of Science, Instituto Politecnico Nacional (2014)
- Licenciatura, Univ Nacional Autonoma de Mexico (2012)
- PhD, CINVESTAV - IPN Mexico , Molecular Biomedicine (2018)
- MSc, CINVESTAV - IPN Mexico , Molecular Biomedicine (2014)
- Bachelor, Universidad Nacional Autonoma de Mexico , Pharmaceutical Biological Chemistry (2012)

STANFORD ADVISORS

- Upinder Singh, Postdoctoral Faculty Sponsor
- Upinder Singh, Postdoctoral Research Mentor

Publications

PUBLICATIONS

- **Comprehensive bioinformatic analysis reveals oncogenic role of H2A.Z isoforms in cervical cancer progression** *IRANIAN JOURNAL OF BASIC MEDICAL SCIENCES*
Salmeron-Barcenas, E. G., Zacapala-Gomez, A. E., Lozano-Amado, D., Castro-Munoz, L. J., Leyva-Vazquez, M. A., Manzo-Merino, J., Avila-Lopez, P. A. 2021; 24 (11): 1470-1481
- **A class I histone deacetylase is implicated in the encystation of *Entamoeba invadens*.** *International journal for parasitology*
Lozano-Amado, D., Ávila-López, P. A., Hernández-Montes, G., Briseño-Díaz, P., Vargas, M., Lopez-Rubio, J. J., Carrero, J. C., Hernández-Rivas, R. 2020
- **Entamoeba stage conversion: progress and new insights.** *Current opinion in microbiology*
Manna, D. n., Ehrenkaufner, G. M., Lozano-Amado, D. n., Singh, U. n. 2020; 58: 62–68
- **The NAD⁺ Responsive Transcription Factor ERM-BP Functions Downstream of Cellular Aggregation and Is an Early Regulator of Development and Heat Shock Response in *Entamoeba*.** *Frontiers in cellular and infection microbiology*
Manna, D. n., Lozano-Amado, D. n., Ehrenkaufner, G. n., Singh, U. n. 2020; 10: 363

- **Clipped histone H3 is integrated into nucleosomes of DNA replication genes in the human malaria parasite *Plasmodium falciparum*.** *EMBO reports*
Herrera-Solorio, A. M., Vembar, S. S., MacPherson, C. R., Lozano-Amado, D., Meza, G. R., Xoconostle-Cazares, B., Martins, R. M., Chen, P., Vargas, M., Scherf, A., Hernández-Rivas, R.
2019; 20 (4)
- **PfAP2Tel, harbouring a non-canonical DNA-binding AP2 domain, binds to *Plasmodium falciparum* telomeres.** *Cellular microbiology*
Sierra-Miranda, M., Vembar, S. S., Delgadillo, D. M., Ávila-López, P. A., Herrera-Solorio, A. M., Lozano Amado, D., Vargas, M., Hernandez-Rivas, R.
2017; 19 (9)
- **A new nucleocytoplasmic RhoGAP protein contributes to control the pathogenicity of *Entamoeba histolytica* by regulating EhRacC and EhRacD activity.** *Cellular microbiology*
Hernandez-Flores, A., Almaraz-Barrera, M. d., Lozano-Amado, D., Correa-Basurto, J., Rojo-Dominguez, A., Luna-Rivera, E., Schnoor, M., Guillen, N., Hernandez-Rivas, R., Vargas, M.
2016; 18 (11): 1653-1672
- **Identification of repressive and active epigenetic marks and nuclear bodies in *Entamoeba histolytica*.** *Parasites & vectors*
Lozano-Amado, D., Herrera-Solorio, A. M., Valdés, J., Alemán-Lazarini, L., Almaraz-Barrera, M. d., Luna-Rivera, E., Vargas, M., Hernández-Rivas, R.
2016; 9: 19