POSTDOCTORAL POSITION IN MOLECULAR PARASITOLOGY

Multiyear post-doctoral positions available to investigate molecular mechanisms regulating the lytic cycle of the intracellular parasite *Toxoplasma gondii*. Related to the malaria parasite, *Toxoplasma* causes serious disease in immunocompromised (AIDS) patients and during pregnancy. We are investigating the role of various calcium binding proteins, including the parasite specific calcium dependent protein kinase TgCDPK3, on intracellular growth and egress. Potential projects include characterizing identified TgCDPK3 substrates, determining the role of TgCDPK3 during parasite division, and determining the function the function of calcium binding proteins within the parasitophorous vacuole. Position requires a Ph.D., expertise in biochemistry, molecular and cellular biology, and excellent communication skills (speaking and writing English). Experience in molecular parasitology, kinases, calcium signaling, *in vivo* experiments, or immunology is a plus. Submit cover letter, which must include research project ideas, CV, and contact information for three references to Dr. Gustavo Arrizabalaga (garrizab@iu.edu).