WILSON SONSINI

Irene Kasumba
PATENT AGENT

Patents and Innovations
Washington, D.C.

ikasumba@wsgr.com
202-920-8749

FOCUS AREAS

Intellectual Property

Patents and Innovations

EXPERIENCE

Irene Kasumba is a patent agent in the Washington, D.C., office of Wilson Sonsini Goodrich & Rosati, where she is a member of the patents and innovations practice.

Most recently, Irene worked as a Research & Alliances Officer at the University of Maryland Baltimore (UMB) as a member of the New Ventures team of the Office of Technology Transfer (OTT). She has conducted research in a wide variety of vector-borne infectious diseases and enteric diseases. She has expertise in molecular biology, genetics, molecular microbiology, and parasitology, as well as genomics. Prior to joining UM Ventures, Irene was a Research Faculty in Dr. Sharon Tennant's Laboratory at the University of Maryland School of Medicine's Center for Vaccine Development and Global Health (CVD). During her time with CVD, she worked on the Vaccine Impact on Diarrhea in Africa (VIDA) project, studied the molecular epidemiology of *Salmonella* enterica spp. and *Shigella* spp., and advanced molecular diagnostic assays for *Cryptosporidium* spp. and *Salmonella* enterica spp. for CVD investigators and external collaborators.

Irene completed postdoctoral training under Dr. Patricia Rosa at the NIAID/NIH Rocky Mountain Laboratories, where she and colleagues identified molecular cues associated with Lyme disease bacteria infectivity in small mammals and developed widely applicable tools to manipulate and advance functional genetics studies of the bacteria.

CREDENTIALS

Education
- Ph.D., Biological Sciences, University of Notre Dame
  Dissertation: "Comparative analysis of midgut transcriptomes of mosquitoes that are refractory or susceptible to Dengue viral infection"
- MSc., Medical Parasitology, London School of Hygiene & Tropical Medicine
- B.Sc., Zoology, University of Eastern Africa, Baraton
  Minor in chemistry

Admissions
- U.S. Patent and Trademark Office