

Wakanene (Sebastian) Kamau

PATENT AGENT

Patents and
Innovations
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FOCUS AREAS

Biotech
Intellectual Property
Life Sciences
Patents and Innovations

EXPERIENCE

Dr. Wakanene (Sebastian) Kamau is a patent agent in the Boston office of Wilson Sonsini Goodrich & Rosati, where he is a member of the patents and innovations practice. His technical knowledge spans molecular biology, biochemistry, and gene editing technologies.

Sebastian received his Ph.D. from the Massachusetts Institute of Technology (MIT), where his doctoral research focused on developing gene editing systems for conservation applications.

Prior to his doctoral education, Sebastian worked in industry on antibody technologies and molecular engineering, as well as in an academic endocrinology lab.

CREDENTIALS

Education

- Ph.D., Media Arts and Sciences (Synthetic Biology), Massachusetts Institute of Technology, 2026
- M.S., Media Arts and Sciences (Synthetic Biology), Massachusetts Institute of Technology, 2020
- B.S., Biological Chemistry, University of Chicago
With Honors

Admissions

- U.S. Patent and Trademark Office

INSIGHTS

Select Publications

- Co-author, "A framework for identifying fertility gene targets for mammalian pest control," 24(2) *Molecular Ecology Resources* e13901, 2024
- Co-author, "Arsenic exposure induces glucose intolerance and alters global energy metabolism," 314(2) *Journal of Physiology-Regulatory, Integrative and Comparative Physiology* R294-R303, 2018
- Co-author, "Tributyltin differentially promotes development of a phenotypically distinct adipocyte," 23(9) *Obesity* 1864-1871, 2015