Brian Scott

Biology

Principal-level biologist with 18 years leading discovery biology in neuroscience and rare disease. Built and scaled research groups of 15+ scientists, authored 30+ peer-reviewed papers, and shepherded three programs from target selection into regulatory filing studies.

Contact information

(617) 555-0159

david.okonkwohale@example.com

Cambridge, MA 12345

Education

Ph.D., Neuroscience, Johns Hopkins University School of Medicine, 2007

B.S., Biology (Honors), Rice University, 2001

Key skills

- R&D strategy and portfolio prioritization
- Target selection and validation frameworks
- In vivo pharmacology in rodents with limited non-human primate work
- Drug discovery from target identification through regulatory filing
- Grant writing for federal and foundation funders
- Building and scaling scientific teams (5 to 20+)
- Board and executive-level scientific communication
- Animal care oversight and vivarium operations
- Academic and biotech collaboration structuring

Professional experience

EXECUTIVE DIRECTOR, DISCOVERY BIOLOGY | MARLOW BIO THERAPEUTICS, CAMBRIDGE, MA,
2020 – PRESENT

- Lead a discovery biology group of 22 across in vitro, in vivo, and translational teams, with a research budget of roughly $18M annually.
- Championed three preclinical programs through target validation and lead optimization, two of which have advanced to regulatory filing toxicology.
- Rebuilt the target selection framework used by the R&D leadership team, cutting average go/no-go time from 11 months to 6.
- Hiring manager for all senior scientist and above roles in biology, closing 14 hires over three years with under 10% first-year attrition.
- Represent the biology function in monthly portfolio reviews with the chief scientific officer and board science subcommittee.

SENIOR DIRECTOR, IN VIVO PHARMACOLOGY | KETTERING NEUROSCIENCE, SOUTH SAN FRANCISCO, CA,
2015 – 2020

- Directed a group of 11 running rodent efficacy, pharmacokinetic, pharmacodynamic, and behavioral studies for central nervous system programs.
- Established a partnership with two academic labs for aged non-human primate tissue access, which supported two regulatory filings.
- Coauthored 9 peer-reviewed papers and was named inventor on 4 issued patents during tenure.
- Owned the vivarium capital plan and led the build-out of a second barrier suite.
- Chaired the internal animal welfare committee and served as institutional liaison to the external animal care oversight board.

PRINCIPAL SCIENTIST, NEUROBIOLOGY | HOLLINGSWORTH RESEARCH INSTITUTE, LA JOLLA, CA,
2011 – 2015

- Ran an independent lab of 6 studying synaptic protein turnover in mouse models of motor neuron disease.
- Won a $2.4M federal research grant as principal investigator, renewed once, and secured additional foundation funding.
- Mentored 4 postdocs, 3 of whom went on to independent faculty or industry group-lead positions.
- Served on two federal grant review panels and reviewed for Neuron, Journal of Neuroscience, and eLife.

POSTDOCTORAL FELLOW | BRAMWELL INSTITUTE FOR BRAIN RESEARCH, NEW HAVEN, CT,
2007 – 2011

- First-authored two papers in high-impact journals on axonal transport in motor neurons.
- Developed a live-imaging protocol still in use by the lab.
- Presented at Society for Neuroscience and Gordon Research Conferences.
- Co-mentored a graduate student through thesis committee milestones.