Research Assistant – Molecular Diagnostics

Duties & Responsibilities
The Wyss Institute for Biologically Inspired Engineering at Harvard University invites applications for a Research Assistant position in the Diagnostics Platform.

The Research Assistant (RA) will work with a muldisciplinary team at the Wyss Institute working on exosome research. Exosomes are extracellular vesicles secreted by all cells that contain proteins and RNA. The RA will work with the team at the Wyss Institute, primarily within David Walt's lab and the newly established Diagnostics Platform, on questions pertaining to both the basic biology of extracellular vesicles, as well as technology development with regard to neurodegenerative disease diagnostics. The RA will carry out a large variety of experimental biological techniques including cell culture, stem cell differentiation, exosome isolation from cell culture media and biological fluids, protein biochemistry, and RNA analysis. There may also be opportunities for the RA to perform RNA-Seq and help with computational work, if interested.

This position is for someone who is excited about science and interested in gaining additional research experience before graduate school. Although the RA will work within a team and receive significant experimental training, the RA will also have significant opportunities for scientific independence, and previous RAs working with us have contributed to multiple publications.

Basic Qualifications
Bachelor's degree in a biological science or related field is required with significant research experience in molecular biology or biochemistry (at least two years, although research during college may count towards this requirement).

Additional Qualifications
Experience with mammalian cell culture and RNA/protein analysis is advantageous, but not absolutely required.

Applying
To apply, please send your CV, a brief message about why you're interested in this position, and the contact info for 2-3 references to: wyss.ra.position@gmail.com