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### **Aydin H. Harston, Ph.D. Scientific Advisor**

Dr. Harston's practice focuses on the fields of chemistry and biotechnology, including biochemistry, enzymes, nuclear magnetic resonance technology, purification techniques and structural biology. His prior experience includes scientific and business advising at a startup biotech firm in Maryland.

Dr. Harston graduated from the University of Maryland in 2003 with a B.S. in biochemistry and in 2007 with a Ph.D. in biochemistry.

#### **Area of Concentration**

- Patent Prosecution
  - Biotechnology
  - Chemical
  - Pharmaceutical

#### **Publications**

- Co-Author, "Structure of the S5a:K48 Linked diubiquitin Complex and Its Interaction with Rpn13," *Mol. Cell.* 35(3), (2009):280-290.
- Co-Author, "Avid Interactions Underlie the K63-Linked Polyubiquitin Binding Specificities Observed for UBA Domains," *Nature Struct. Mol. Biol.* 16(8), (2009):883-889.
- Haririnia, A. et al., "Mutations in the Hydrophobic Core of Ubiquitin Differentially Affect its Recognition by Receptor Proteins," *Journal of Molecular Biology* 375, (2008):979-996.
- Haririnia, A. et al., "Mapping the interactions between Lys48- and Lys63-linked di-ubiquitins and a ubiquitin-interacting motif of S5a" *Journal of Molecular Biology* 368, (2007):753-766.
- Co-Author, "Personal Role Management: Overview and a Design Study of Email for University Students" Kaptelinin, V., Czerwinski, M. (Editors) *Beyond the Desktop Metaphor*, MIT Press, April 1, 2007.
- Co-Author, "Solution conformation of Lys63-linked di-ubiquitin chain provides clues to functional diversity of polyubiquitin signaling" *Journal of Biological Chemistry* 279, (2004):7055-7063.

#### **Bar Admissions**

- U.S. Patent and Trademark Office