MARSHALL GERSTEIN

Alden E. Voelker, Ph.D.

Associate

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Alden E. Voelker, Ph.D. focuses his practice on patent prosecution for clients in the chemical sciences industry. Alden serves as a member of the firm's peer-elected Associates Committee.

Most recently, he was selected for inclusion in *TheBest Lawyers: Ones to Watch in America*™ list in the practice area of Patent Law.

Practices

- Patent Prosecution

Industries

- Chemical Sciences
- Pharmaceuticals

Representative Experience

Alden has experience in wide variety of chemical and biotechnology sciences, including:

- Synthetic organic chemistry
- Surface chemistry and microarray fabrication
- Biochemistry, including protein chemistry and enzymology
- Biofuels
- RNA modification and RNA delivery vehicle systems

Background and Credentials

Prior to joining Marshall Gerstein, Alden prepared and prosecuted patent applications in the chemical and pharmaceutical arts, with emphases on small molecules, drug conjugates, and organic and organometallic chemistry. In addition, he was a postdoctoral research associate in the biochemistry department at the University of Wisconsin-Madison.

Alden received his Ph.D. in chemistry from Case Western Reserve University and his Sc.B. from Brown University in chemistry and French.

Education

- Chicago-Kent College of Law, Illinois Institute of Technology (J.D.)
- Case Western Reserve University (Ph.D.)
    - Chemistry
- Brown University (Sc.B., *with honors*)
    - Chemistry
    - French

Bar Admissions

- U.S. Patent and Trademark Office
- Illinois

Publications and Presentations

- **Voelker, A. E.**; Viswanathan, R. “Self-Catalyzed Immobilization of GST-Fusion Proteins for Genome-Encoded Biochips”, *Bioconjugate Chemistry,* **2013**, *24* (8), 1295-1301.
- **Voelker, A. E.**; Viswanathan, R. “Synthesis of a Suite of Bioorthogonal GST Substrates and Their Enzymatic Incorporation for Protein Immobilization,” *The Journal of Organic Chemistry,* **2013**, *78* (19), 9647-9658.
- **Voelker, A.E.**; Viswanathan, R. “Directed protein microarray fabrication for lab-on-a-chip applications**”,** Meeting in Miniature, American Chemical Society, Cleveland Section, John Carroll University, University Heights, OH, March 13, 2013.
- **Voelker, A.E.**; Viswanathan, R. “Directed peptide microarray fabrication for lab-on-a-chip applications”, Abstracts of Papers, 244th ACS National Meeting & Exposition, Philadelphia, PA, August 19-23, 2012 (2012), ORGN-17.
- **Voelker, A.E.**; Viswanathan, R. “Small Molecule Microarray Fabrication for Lab-on-a-Chip Applications”, Chemistry Graduate Student Symposium, University at Buffalo, State University of New York, Buffalo, NY, May 16-18, 2012.

Community and Professional Involvement

- Boston Patent Law Association
- American Chemical Society
- CWRU Department of Chemistry Undergraduate Affairs Committee