

Donald L. McKenzie, PhD

Executive Director, Global Drug Metabolism

Madison, Wisconsin, USA

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Key Roles and Responsibilities

- ▶ Leads the scientific, operational and strategic direction of the Global Drug Metabolism organization with primary responsibility for Madison, WI; Harrogate, UK; and Alnwick, UK
- ▶ Experienced drug development scientist with expertise in metabolism; able to provide in depth consultation to clients on experimental strategies, data analysis and results interpretation for all areas of DMPK

Areas of Expertise

- ▶ **Evaluation of DMPK Properties**
 - Drug candidate advancement
 - Metabolic soft spot analysis
 - Preclinical modeling
 - Definitive ADME & AME studies
- ▶ **Drug Discovery and Development**
 - Studies to enable and de-risk compound progression
 - Preclinical and clinical development
 - Regulatory filings and interaction
- ▶ **Metabolite Identification**
 - Accurate mass measurement
 - Interpretation of MS/MS spectra
 - Assignment of biotransformation pathways
 - Evaluation of clearance mechanisms

Professional Highlights

- ▶ Previously led the Biotransformation and NA Metabolism groups at Covance
- ▶ Prior Section Leader of the Discovery Metabolite Identification group at Schering-Plough
- ▶ As Sr. Principal Scientist, led the Mechanistic Metabolism group at Pfizer
- ▶ DMPK representative to the global clinical management team for Schizophrenia/Bi-Polar disease with Pfizer
- ▶ Invited lecturer on Drug Metabolism, University of Wisconsin Biotechnology MS program
- ▶ Author/co-author of peer-reviewed drug discovery and development publications
- ▶ Presented on drug discovery and development topics at 13 conferences
- ▶ Dr. McKenzie joined Covance in 2009

Education

- ▶ **PhD, Medicinal Chemistry**
University of Michigan
- ▶ **BS, Biochemistry**
Michigan State University

Publication Journals

- ▶ *Bioconjugate Chemistry*
- ▶ *Carbohydrates Research*
- ▶ *Journal of Biological Chemistry*
- ▶ *Journal of Pharmaceutical Science*
- ▶ *Journal of Pharmaceutical and Biomedical Analysis*
- ▶ *Peptides Research*

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