

Mira M. Hinman, Ph.D.
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SUMMARY

Diverse experience in pharmaceutical research and development. Strong collaborative approach. Passionate about translating data into knowledge and distilling complex ideas into clear communication

KEY ATTRIBUTES

- Strong science background
- Proven record updating scientific workflows to integrate AI and Machine Learning (ML)
- Clear, logical thinking
- Enthusiastic and quick-to-learn
- Effective at working with cross-functional teams
- Fluent in English and German; working proficiency in French

EXPERIENCE

- 2013-present **AbbVie Inc.**
- Director, Scientific Architecture, Data and Digital Strategy, 2022- present
 - Lead team implementing digitally integrated scientific workflows and capturing structured results data
 - Lead team building and integrating AI and ML models into scientific workflows
 - Lead and champion a crowd-sourced forecasting platform (PharmCast)
 - Director, CMC Program Management Office, 2020-2022
 - Led team supporting Product Presentation and Device Strategy Teams and CMC teams with program management and timeline support
 - Chief-of-Staff, DMPK-BA, 2013-2020
 - Part of a small team that implemented the Discovery Data Packages
 - Integrated frontend bringing together key data for early programs into a single platform to enable project review and efficient decision-making
 - Led a joint DMPK/IR team creating first generation in Silico ADME models
 - Facilitated cross-functional, senior-level scientific and leadership meetings
 - Managed multimillion-dollar capital and departmental budgets

1996-2013 **Abbott Laboratories**

- Three years in DMPK
 - Led a team of Pharmacokinetics scientists
 - DMPK Rep for Discovery Projects; expertise in In-Vivo-In-Vitro correlations
- One year in DMPK Abbott Germany
- >Ten years of medicinal chemistry experience:
 - Immunoscience, Anti-bacterial research, Anti-viral research and Hit-to-Lead group

EDUCATION AND OTHER EXPERIENCE

- 1996 Ph.D. in Organic Chemistry, University of California at Berkeley
1990 A.B. in Chemistry, Harvard University

AWARDS

- AbbVie Award. 2025 President's award for In Silico ADME Models
- AbbVie Award. 2013 President's Award for DMPK In Silico Models
- AbbVie Award. 2013 GAWA Award for DMPK In Silico Models
- AbbVie Award. 2012 President's Award for Discovery Data Packages

SELECTED PUBLICATIONS AND INVITED LECTURES

- Invited presentations at Lab of the Future conference (2025, 2024, 2023)
- Chaired session on Pharmaceutical Benchmarking of DMPK. Shanghai Symposium on Clinical and Pharmaceutical Solutions through Analysis (Apr2018).
- Invited Lecture. Cambridge Health Institute (Mar2007): “Novel Antibacterial Class: A Series of Tetracyclic Derivatives.”
- Mira M. Hinman*, Teresa A. Rosenberg, Darlene Balli, Candace Black-Schaefer, Linda Chovan, Douglas Kalvin, Philip J. Merta, Angela M. Nilius, Steve D. Pratt, Niru B. Soni, Frank Wagenaar, Moshe Weitzberg, Rolf Wagner, Bruce A. Beutel. “Novel Antibacterial Class: A Series of Tetracyclic Derivatives” *J. Med. Chem.*, **2006**, 16, 4842-4856.
- Invited Lecture. Columbia University, New York, NY (Dec2004): “In Search of a Novel Antibacterial Agent.”
- Hinman, M. M.; Heathcock*, C. H. “A Synthetic Approach to the Stemona Alkaloids” *J. Org. Chem.* **2001**, 66, 7751-7756.
- Evans*, D. A.; Woerpel, K. A.; Hinman, M. M.; Faul, M. M. “Bis-oxazolines as Chiral Ligands in Metal-Catalyzed Asymmetric Reactions. Catalytic, Asymmetric Cyclopropanation” *J. Am. Chem. Soc.* **1991**, 113, 726-728.

SELECTED PATENTS

- Anderson, David, et al. "Antibacterial Compounds," **US 8,163,769**.
- Hinman, Mira M.; Rosenberg, Teresa A.; Wagner, Rolf. "Antibacterial Compounds," **US 7,737,159**.
- Hutchinson, Douglas, et al. "Anti-infective Agents," **US 7,538,105**.
- Hinman, Mira M.; Rosenberg, Teresa A.; Wagner, Rolf. "Preparation of fused naphthyridinecarboxylic acids as antibacterial agents," **US 7,632,946**
- Hinman, Mira M.; Rosenberg, Teresa A.; Wagner, Rolf. "Preparation of oxooxazinonaphthyridinecarboxylates as antibacterials," **US 7,135,468**
- Anderson, David D.; et al. "Preparation of pyrimidopyridonecarboxylates, thiazolopyridonecarboxylates, and related compounds as antibacterials." **US 7,196,200**.
- Hutchinson, Douglas K.; et al. "Preparation of fused thiadiazinediones, particularly dioxothiadiazinylnaphthalenones, as antiviral agents for the treatment of infections involving RNA-containing viral species such as hepatitis B and C and HIV." **US 7,378,414**
- Anderson, David; et al. "A preparation of naphthyridine derivatives useful for treatment of bacterial infections." **US 6,818,654**