

**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

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## **KEY ATTRIBUTES**

- Strong science background
- Proven record updating scientific workflows to integrate of 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

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## **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

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1996 Ph.D. in Organic Chemistry, University of California at Berkeley

1990 A.B. in Chemistry, Harvard University

## AWARDS

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- 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

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- 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**

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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 dioxothiadiazinyl naphthalenones, 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**