

# Raymond Kaiser, PhD

*Global Scientific Leader, Vice President BioPharmaceutical CMC Solutions*

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## Key Roles and Responsibilities

- ▶ Global scientific leader and head of Biopharmaceutical CMC services, overseeing the business strategies and growth of service offerings including:
  - CMC analytical development for biologics
  - Stability and release testing
  - Biosafety and virology testing
  - Cell banking
  - Molecular biology

## Areas of Expertise

- ▶ Research, development, QA/QC and technical support of biologic and vaccine products
- ▶ Protein characterization and protein chemistry
- ▶ Application of statistical and Quality by Design principles to drug development
- ▶ Application of six sigma methodologies to the optimization of pharmaceutical and business systems

## Professional Highlights

- ▶ 21 years of experience in the biopharmaceutical industry at major pharmaceutical companies including Merck, Wyeth Vaccines and Eli Lilly
- ▶ Prior Executive Director of Bioprocess Research and Development at Merck Research Laboratories, responsible for the development of novel vaccine and therapeutic protein processes, assays and products
- ▶ Prior Sr. Director at Wyeth Vaccines, responsible for analytical and formulation laboratories at RTP, North Carolina and Pearl River, New York
- ▶ Prior Director of QA/QC at Eli Lilly, supporting 4 manufacturing plants
- ▶ Published more than 50 papers and patents on the development, manufacture and characterization of biologics and vaccines
- ▶ Dr. Kaiser joined Covance in 2011

## Education

- ▶ **PhD, Analytical Chemistry**  
*Purdue University*
- ▶ **MS, Organic Chemistry**  
*St. Louis University*

## Publication Journals

- ▶ *Journal of the American Society for Mass Spectrometry*
- ▶ *Journal of Biochemistry*
- ▶ *Journal of Industrial Microbiology*
- ▶ *Journal of Medicinal Chemistry*
- ▶ *Analytical Biochemistry*
- ▶ *Carbohydrate Research*
- ▶ *Process Control & Quality*
- ▶ *Journal of Validation Technology*

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