USP is pleased to present a webinar on "Peptide impurities and emerging solutions of USP" on 17th April at 14:30 – 15:30 PM. This webinar will focus on USP products and solutions that supports the complete peptide manufacturing workflow with guidance and reference products – from raw materials qualification and testing, through final drug product development, packaging, and distribution.

After the presentation, you will:

- Gain a deeper understanding of USP's peptide families (API Reference Standards, related impurity standards, and Analytical Reference Materials).
- Understand the critical role reference materials in synthetic peptide process development, method validation, and ensuring compendial methods are suitable for your laboratory needs.
- Explore key challenges in selecting analytical methods for peptide quality assessment and advanced techniques for their analytical characterization, fostering robust quality and regulatory compliance

Speaker Biography

Dr. Manoj Metta is a seasoned Biological Scientist with 21 years of expertise in biologics quality assessment and regulatory sciences. Currently, he serves as **Principal Scientist** in Global Biologics at the **U.S. Pharmacopeia (USP)**, where he specializes in the quality assessment of Monoclonals, Peptides, and Oligonucleotide drug products. Over his 14+ years at US Pharmacopeia, Dr. Manoj has made significant contributions to compendial sciences, including the development of monographs, reference standards, and general chapters for biologics.

He also leads research initiatives focused on developing innovative analytical methods, in vitro characterization techniques, and drug release testing methodologies for monoclonals, peptides and oligonucleotides. Dr. Manoj received his **Ph.D. in Biotechnology** from the **Gandhi Institute of Technology and Management**.

For any other queries please reach out to:

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