

# O-I-M Seminar Series

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**May 25, 2023 • 10:00 am PSC B040**

Hosted by Vickie De Rose



## RNA Modifications

**RNAs are known to contain over 150 different modified nucleotides. This presentation will introduce RNA modifications with a brief discussion of early discoveries of nucleoside analogs in RNA, examples of RNA modification pathways where the key enzymes are known and characterized, and what is known about the impact of specific modifications on RNA function. Particular focus will be on the modified nucleosides inosine and N1-methylpseudouridine. Introduction of the former can change the meaning of specific mRNA codons and introduction of the latter into mRNA**

**COVID-19 vaccines was critical to their success.**

