

Fuzzy Logic, Risk Management, and Critical Thinking in Pharmaceuticals.



Nuala Tim Sandle



Valerie Mulholland

By

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This week our series coordinator Nuala, is joined once again by a regular *Risk Revolution* contributor, Valerie Mulholland, to close out the year with a lively discussion with another old friend of the IVT network, Dr Tim Sandle. The topic revolves around the Fuzzy Logic, and its application to risk management. The group covers flexibility and reasoning, non-numerical data impacts on decision making, probability vs. certainty, and introduces the newly released ICH Q9 (R1) guidelines for the audience.

Resources for this episode:

1. [The ICH Q9 \(R1\) Guidelines](#)
2. [ICH Q9 \(R1\) Presentation](#)
3. [Can Fuzzy Logic Be Applied to Risk Management](#)
4. [Critical Thinking #1: Why Pharmaceuticals and Healthcare Needs ...](#)
5. [Critical Thinking #2: Reading Research Papers](#)
6. [Critical Thinking #3: Developing Questions to Achieve the Optimal ...](#)
7. [Risk Management, Knowledge Management and the Risk Knowledge Infinity Cycle on Risk Revolution](#)
8. [Risk Revolution - Getting to the Root of the Matter](#)