

# Dawn Yang

## Managing Director, Pythia LLC



Pythia LLC strives to help our clients make real improvements in the quality and productivity of their processes by providing PAT solutions using innovative spectroscopy in pharmaceutical, biotech, chemical, and food industries.

As Managing Director of the company, I have over 20 years of analytical industry experience with molecular spectroscopy using Raman, FTIR, NIR, and UV-VIS for industrial process analytics and academic research labs.



# ***Why have you chosen to provide Indatech' solutions?***

**We proudly represent Indatech-Chauvin Arnoux Group in the USA and Canada. Indatech's innovative technologies, for example patented Spatially Resolved Spectroscopy (SRS) in combination with unique multi-angle multi-channel probes for on-line spectroscopy analysis, provide pharma and biotech industry with much needed PAT solutions.**



**The great innovations lead to a broad product portfolio including UV-VIS, NIR, Raman, and hyperspectral imaging system for process development and manufacturing on-line process monitoring and at-line analysis.**

# *What are the current/future projects you have with Indatech ?*



We are working on several exciting projects with big players :

- In biotech, Our UV VIS system Asuryan is being used for monitoring LNP particle size , or protein concentration in formulation
- In Pharma, we are implementing a high speed process control strategy based on SAM-Spec NIR analyzer in feedframe, but also accurate powder and tablet chemical imaging in the lab with our NIR imaging solution Hypereal.

There are also projects under discussion. One of them is using Indatech multi-laser multi-channel Raman process analyzer Version® for API concentration and crystallization monitoring during the synthesis process.

