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SKAN, Senior Consultant Aseptic Processing & Containment

Richard Denk is working at the company SKAN AG, headquartered in Allschwil Switzerland in the position Senior Consultant Aseptic Processing & Containment. Richard is Member of the PDA ATMP Advisory Board and was chair the PtC 14 Part 1 of the Manufacturing of ATMPs. Richard was the 2025 PDA Prestige Michael S. Korczynski Award Winner for his international Engagement and 2026 Winner of the Prestige PDA European Appreciation Award. Richard is PDA Journal Board Member and current PDA Chapter co Chair. Richard did publish several PDA Letter, PDA Journal Article and was co-author on several TR and PtC . Furthermore, Richard was member of the ISPE Annex 1 and PIC/s Annex 2A commenting group. Richard is a global recognized subject matter expert on Aseptic Processing and Containment and has developed the containment pyramid.

10月23日(金) 10:55 講演

無菌製造におけるロボット導入の「すべきこと」と「すべきでないこと」

Does and Don'ts about Robotics in Aseptic Manufacturing

Since the publication of EU GMP and PIC/S Annex 1, the use of automated systems incorporating robotics for the aseptic filling of sterile products has increased. However, deploying robots in this area requires consideration of a wide range of factors. Robot movements must not generate turbulence near critical zones or disrupt the "first air" over critical areas. This presentation draws on material from regulatory training programs, such as the global EU GMP Annex 1 inspector training.