

6<sup>th</sup> World Congress on

# Cell & Stem Cell Research

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## Total quality approach to cell incubation and processing

**Kevin Murray**  
BioSpherix Limited, USA

Total quality recognizes that for best cell potency, cells need full time optimization of all critical cell process parameters (O<sub>2</sub>, CO<sub>2</sub>, RH & T). Total quality recognizes that all typical negative side effects of machines on cells (particles, heat, vibration, etc.) must be neutralized to make automation compatible with a cell optimized ecosystem and those machines must be protected from dust, aerosols and corrosion. Total quality recognizes that each entire cell production line (all manual and automated steps) must be protected from microbial contamination by full time, absolutely aseptic conditions. Total quality recognizes that all personnel must be fully protected from cells harboring virus, vectors, prion and other pathogens. Total quality recognizes that scaling up and out must be efficient. Total quality recognizes that cost efficiency is a fundamental quality attribute, critical for commercial. The Xvivo System is a comprehensive, modular, total quality platform for cells.

### Biography

Kevin Murray is currently a Sales Manager for BioSpherix, Ltd, USA. He has obtained his BS degree in Bio-Chemistry and completed his MBA in Finance & Marketing. He has more than 20 years of experience in the Pharmaceutical/Biotech/Medical Research Industry.

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