

Fast Trak Services: From molecule to market

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GE Healthcare has played an eminent role in the vaccine industry for a long time, some examples are Vero cell production using Cytodex™ 1 microcarriers, purification of polio vaccines using GE's chromatography resins etc. In today's talk I would like to introduce you to GE Healthcare's Fast Trak Training and Education, a legacy since 1980's, who provides specialist knowledge to our customers working in process development and biomanufacturing, to better understand the different technologies, practices, and principles of bioprocesses, both upstream and downstream. The aim is to help engineers, scientists, process developers and operators to avoid various pitfalls encountered in the process development, scale-up and manufacturing of biomolecules. Fast Trak Training and Education offers theory in combination with hands-on training courses in upstream and downstream bioprocessing. Among our standard course offerings are: bioreactor cell culture, cell therapy, column packing, basic and advanced knowledge of different chromatography techniques, membrane filtration, process optimization and scale-up, purification of monoclonal antibodies, Design of Experiment (DoE), High-Throughput Process Development (HTPD) and UNICORN software. These standard courses last between one and five days and are held at our specially equipped training centers in Marlborough (Massachusetts, USA), Uppsala (Sweden), Bangalore (India), Shanghai (China) and Songdo (Korea). Selected courses are also conducted at our Fast Trak satellite sites in Istanbul (Turkey), Munich (Germany), Singapore and Tokyo (Japan). Furthermore, custom training programs and courses are also offered at any Fast Trak facility or at our customer company's site. Our real strength lies in our passionate regional instructors who draw on their experiences from biomanufacturing and pharmaceutical industries. Fast Trak courses allow our customers to access our instructor's deep product knowledge and understanding of application of those products to their process. Our customer reach is over 1000 customers each year with a high degree of customer satisfaction just because we empower customers to solve their bioprocessing challenges with our experts' insights.