

Pharmaceutical Manufacturing Development

Muhammad Idrees

Technical Director and Chief Executive Officer, Novamed Group, Pakistan



Abstract

Drug Manufacturing is the process of industrial-scale synthesis of pharmaceutical drugs by pharmaceutical companies. The process of drug manufacturing can be broken down into a series of unit operations such as Milling, Granulation,

Coating, tablet pressing and others. Before drug can be manufactured much work goes on formulation. Statistics are critical to the pharmaceutical industry, from clinical operations through manufacturing.

To maximize the overall effectiveness of the Manufacturing area in a proactive manner by supporting the operation as a Subject Matter Expert, performing trainings, theatrical and practical training assessments, support on SOPs, Batch Records and EEL updates, attending to downtime problems and engaging additional support as needed; thus creating minimized downtime, increased efficiency, and more immediate diagnosis and resolution of problems.



Biography:

Muhammad Idrees has 30 years diversified experience in medicinal chemistry, process development and reaction optimization, as well as formulation development, analytical testing and development, cGMP API production and sterile fill-finish services, Registration Affairs, Product development and Pharmaceutical manufacturing, Process Planning, Method development, Method validation, Statistical Methodology, Process & Cleaning Validation, Equipment Validation etc. Certificate Courses on cGMP, cGLP, Process Validation, CTD Documents, ISO 9001:2008, 13485-2003, 14001-2004 have

strong scientific, analytical, statistical, managerial and training skills.

Currently he is working as a Technical director and Chief executive officers in Novamed Pharmaceuticals. It is toll manufacturing oriented company, manufacturing of companies like Getz Pharma, ICI, SEARLE, Macter, Ray, and for Sanofi-Aventis. He is also looking after the Novamed Healthcare, the nutraceutical and cosmeceutical manufacturing plant.

Speaker Publications:

1. "Paradoxical Role of Dengue Virus Envelope Protein Domain III Antibodies in Dengue Virus Infection" ,Critical Reviews in Eukaryotic Gene Expression/ Vol 30 Issue 3
2. "Applications and hazards associated with carbon nanotubes in biomedical sciences" ,Inorganic and Nano-Metal Chemistry/Vol 50 Issue 9:1-12
3. "Advancements in developing an effective and preventive dengue vaccine", Future Virology Vol 15 Issue 1
4. "Comparing the risk of hypothyroidism in HCV patients treated with different DAA drugs combination (sofosbuvir + interferon + ribavirin and sofosbuvir + daclatasvir + ribavirin)", Journal of Medical Virology/ April 2020
5. "Peripheral Expression of CXCL10 Gene in Chronic Hepatitis C Patients Treated with Sofosbuvir, Daclatasvir, and Ribavirin", Journal of Interferon & Cytokine Research /Vol 40 Issue 6

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