Yes Have you worked in ATMPs previously? No NHC 5d f2f £3.75k VV manuf eLfH e-learning Free ATMPs. CAR-T. In vivo GT NSF 1 day virtual £700 **ATMPs NIBRT 1 hour online Free** Introduction to Cell Therapy manuf **UoAston videos Free** Insights into ATMPs UoKent 80 hrs online £500 ATs - R&D to market NIBRT Online/F2F £1.5-2.5k Advanced cell therapy technology Gene Therapy/Viral vectors UCL MBI online ~£2k **CGT** Bioprocessing Cytiva 4 hours Online Free Advanced CT Tech **EATRIS 7 hours Online Free** ATMP Devt UoB 1 day F2F/online £0.6-£0.9k Intro to ATMPs ISPE 3 hr virtual £1k

C> & ATMPs

Pathway: Downstream Process Engineer

Have you worked in Yes Do you have any Yes

GxP experience?

No

For **DSP training**, refer to pathway for MSAT Downstream Process Development Scientist



Engineering training programmes

ATSTN 1 hr online Free Virtual lab tour

InspiredPharma 1d F2F £700
Introduction to GMP

UoH 3 days f2f £1,900 Aseptic Skills for ATMPs

CATTI 1hr-5d online £150-2.5k Ess of AT GMP; onboarding

Informa virtual £1.8k
Manuf practises for CGT

NHC & NSF 4 days f2f £3k GMP for biotech products

Roslin F2F
Range of GMP practical training

UoB online/1-3 d F2F £0.6-1.4k Range of ATMP GMP progs RSSL 2hr-1d online £90-700 GMP & GMP in the Lab

ATSTN e-learning Free Intro to GMP GMP in workplace

Pathwise 1 hour online £250 Intro to cGMP

NIBRT 1 hour online £100 Cleanroom behaviours

ATSTN e-learning Free Journey of a raw material Data integrity

NHC f2f 2-5 days £1.3-3.75k Complete intro to bioprocessing GMP Essentials; Manuf steriles

> Cytiva online free Intro to GxP

Process Insight 3-10d F2F/online £1.8-£3.7k Lean Six Sigma

> NSF 1hr online £100 GMP for Engineers Cleaning Qualification CSV

Cytiva 0.5-3hr e-learning free - £100

AKTA pure & start
Filtration PD
Understanding filtration

Honeyman 3 days F2f £1.5k

Cleanroom and facilities: Principles in Practice

ITS 2day F2F/online £1,220 Understanding Validation

ISPE 1hr-5day f2f/online £100-2k

HVAC for Life Science facilities
Airflow Pattern Visualisation
GAMP 5 & CSV
Process Validation
Aseptic processing & Annex 1

RSSL 1-2day F2F/online £700-£1.4k

Introduction to Validation
Cleaning validation
Computerised Systems validation
Process Valid & qualification

NHC 2-5 day F2F £2 - 3.75k

Data Integrity, Computer Systems Validation, and IT compliance Adv Bioprocess control, data & PAT

NIBRT 1hr-5d online/F2F £100 - £3k

Intro to bioprocessing for engineers STERIS Masterclass Commissioning Qual & validation Aseptic Processing Intro to single use tech

In-progress

Price range Free - £3.75k Price range Free - £3.75k

Develop