



澳門特別行政區政府
Governo da Região Administrativa Especial de Macau
人才發展委員會
Comissão de Desenvolvimento de Quadros Qualificados

Professions in Short Supply Applicable to the Advanced Professionals Programme for the Big Health Industry

Professional Field	Professional Sub-field	Professions in Short Supply
Medical Services	Medical Services	<ul style="list-style-type: none">• Specialists in Reproductive Medicine• Specialists in Stem Cell Therapy• Specialists in Cardiothoracic Surgery• Specialists in Nuclear Medicine• Specialists in Organ Transplantation• Specialists in Paediatric Surgery• Specialists in Infectious Diseases• Specialists in Haematology• Specialists in Plastic Surgery• Specialists in Vascular Surgery• Specialists in Psychiatry• Specialists in Oncology• Specialists in Obstetrics and Gynaecology• Specialists in Intensive



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Professional Field	Professional Sub-field	Professions in Short Supply
		Care Medicine <ul style="list-style-type: none"> • Specialists in General Surgery • Specialists in Emergency Medicine • Specialists in Urology • Specialists in Dermatology • Specialists in Radiotherapy • Specialists in Sports Medicine • Radiographers • Medical Physicists
Hospital or Pharmaceutical Production Facility Management	Hospital or Pharmaceutical Production Facility Management	<ul style="list-style-type: none"> • Hospital Administrators • Pharmaceutical Production Facility Managers
Smart Healthcare Technology Development	Smart Medical Technology Services	<ul style="list-style-type: none"> • Professionals in Healthcare Information Technology Development • Professionals in Digital Medical Imaging Products Development • Professionals in Medical Artificial Intelligence



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Professional Field	Professional Sub-field	Professions in Short Supply
		Development
	Smart Medical Equipment Development	<ul style="list-style-type: none"> • Professionals in Smart Medical Equipment Technology Development • Professionals in Smart Medical Device Technology Development • Professionals in Smart Medical Remote Platform Development
Innovative Drug Development, Supervision and Management	Research, Development and Application of Innovative Drugs and Traditional Chinese Medicine	<ul style="list-style-type: none"> • Professionals in Traditional Chinese Medicine Production Management, Quality Management and Quality Control • Professionals in Research, Development and Application of Traditional Chinese Medicine • Biomedical Professionals • Pharmaceutical Chemical Engineers • Pharmaceutical Automation Engineers
	Drug Testing	<ul style="list-style-type: none"> • Professionals in Drug



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		Testing <ul style="list-style-type: none"> • Professionals in Traditional Chinese Medicine Inspection • Professionals in Biological Agents Testing • Professionals in Pharmacology and Toxicology Testing • Professionals in Microbiological Testing • Professionals in Biochemistry • Professionals in Molecular Biology
	Drug Monitoring	<ul style="list-style-type: none"> • Professionals in Inspection of Good Clinical Practice (GCP) for Pharmaceutical Products • Professionals in Inspection of Good Manufacturing Practice (GMP) for Pharmaceutical Products • Professionals in Inspection of Good



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		Laboratory Practice (GLP) for Non-clinical Laboratory Studies <ul style="list-style-type: none"> Professionals in Pharmacoepidemiological Surveillance
	Drug Reviewing	<ul style="list-style-type: none"> Professionals in Proprietary Chinese Medicines Reviewing Professionals in Chemical Drug Reviewing Professionals in Biologics Reviewing Biostatisticians in Drug Reviews
	Drug Standardisation Management	<ul style="list-style-type: none"> Professionals and Managers in Chinese and Western Drug Standards Formulation
Standardisation of Medical Equipment and Devices	Medical Device Reviewing	<ul style="list-style-type: none"> Professionals in Medical Device Reviewing Professionals in Comprehensive Business Management of Medical Devices
	Medical Device Inspection	<ul style="list-style-type: none"> Professionals in Active Medical Device Inspection



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		<ul style="list-style-type: none"> • Professionals in Passive Medical Device Inspection • Professionals in Diagnostic Reagent Testing
	Medical Device Standardisation Management	<ul style="list-style-type: none"> • Professionals in Medical Device Standards Development • Managers in Medical Device Standards Development
Teaching and Research in Medicine or Biology	Teaching and Research in Medicine or Biology	<ul style="list-style-type: none"> • Teaching and Research Professionals in Medicine or Biology • Technology Transfer Professionals in Medicine or Biology
Pharmaceutical Product Registration, Patenting and Market Expansion	Medicine Registration and Marketisation	<ul style="list-style-type: none"> • Professionals in Chinese and Western Drug Registration • Professionals in Legislation on Drug Registration, International Pharmaceutical Standards or Technical Guidelines



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	Product Patent Application	<ul style="list-style-type: none"> • Professionals in Patent Application in the Field of Medicine or Biology • Professionals in Patent Law and Patented Technology Transfer • Professionals in Intangible Asset Appraisal
	Market Expansion for Big Health Projects	<ul style="list-style-type: none"> • Managers Coordinating Market Expansion for Big Health Projects • Promotional Event Organisers and Planners for Big Health Projects

Disclaimer: The official Dispatch of the Chief Executive is available in Chinese and Portuguese. This English translation is intended solely for reference purposes and has no legal effect. In case of any discrepancies or differences between the official texts and the English translation, the former shall prevail.