

ACRONYMS AND ABBREVIATIONS

AABB	American Association for Blood Banks
ACTO	Asian Cellular Therapy Organisation
AJS	All Japan System
AMD	age-related macular degeneration
AMED	Agency for Medical Research Development
ARM	Alliance for Regenerative Medicine
ASEAN	Association of Southeast Asian Nations
ATMP	advanced therapy medicinal productsBM-MSC-s bone marrow-derived mesenchymal stem cells
CD	Crohn's disease
CDB	Centre for Developmental Biology
CFDA	China Food and Drug Administration
CGTs	cell and gene therapies
CiRA	Centre for iPS cell Research and Application
CITIC	China International Trust and Investment Corporation
CPC	Cell Processing Centre
CU	Chulalongkorn University
DBT	Department of Biotechnology (India)
DM	diabetes mellitus
DMD	Duchenne muscular dystrophy
DN	dopamine neurons
EMA	European Medicines Agency
FBRI	Foundation for Biomedical Research and Innovation
FIRM	Forum for Innovative Regenerative Medicine
FTCM	free-to-choose medicine
GCTP	good gene, cell and tissue practice
GLP	good laboratory practice
GMP	good manufacturing practice
GvHD	graft versus host disease
HE	hospital exemption
hESC	human embryonic stem cell(s)
HICs	high-income countries

HLA	human leukocyte antigens
HOs	health organisations
HSCs	hematopoietic stem cells
IANR	International Association of Neurorestoratology
ICMR	Indian Council for Medical Research
ICMS	International Cellular Medicine Society
ICSI	International Stem Cell Initiative
IFMS	Institute for Frontier Medical Sciences
IHOs	international health organisations
IND	investigational new drug
IPR	intellectual property rights
iPSCs	induced pluripotent stem cells
IRB	institutional review board
ISCBI	International Stem Cell Banking Initiative
ISCT	International Society for Cell Therapy
ISSCR	International Society for Stem Cell Research
JSRM	Japanese Society of Regenerative Medicine
JST	Japan Science and Technology Agency
KFDA	Korean Food and Drugs Administration
KHI	Kawasaki Heavy Industry (Japan)
KUH	Kyoto University Hospital (Japan)
LMICs	low- and middle-income countries
MAPPs	Medicines Adaptive Pathways to Patients (EMA)
MCT	Medical Council of Thailand
MD	muscular dystrophy
MEMG	Manipal Education and Medical Group (India)
METI	Ministry for Economy, Trade and Industry (Japan)
MEXT	Ministry for Education, Culture, Sports, Science and Technology (Japan)
MHA	minor histocompatibility antigen
MHC	major histocompatibility complex
MITI	Ministry of International Trade and Industry (Japan)
MoHLW	Ministry of Health, Labour and Welfare (Japan)
MOU	memorandum of understanding
MSCs	mesenchymal stem cells
NAC	National Apex Committee (India)
NEDO	New Energy and Industrial Technology Development Organization (Japan)
NGOs	non-governmental organisations
NHFPC	National Health and Family Planning Commission (PRC)
NHS	National Health Service (UK)
NIH	National Institutes of Health

NPOs	non-political organisations
OA	osteoarthritis
ODD	Orphan Drug Designation
PD	Parkinson's disease
PIM	Promising Innovative Medicine (UK)
PMD Act	Pharmaceuticals, Medical Devices, and other therapeutic products Act (Japan)
PMDA	Pharmaceuticals and Medical Devices Agency (Japan)
PRC	People's Republic of China
PSCs	pluripotent stem cells
R&D	research and development
RCT	randomised control trials
REGROW Act	Act named Reliable and Effective Growth for Regenerative Health Options that Improve Wellness (US)
RM Act	Act on the Safety of Regenerative Medicine (Japan)
RMP Act	Regenerative Medicine Promotion Act (Japan)
RPE	retinal pigment epithelium
SCI	spinal cord injury
SCI-Net	Stem Cell International-Net (US based)
SCNT	somatic cell nuclear transfer
STS	science and technology studies
TFDA	Thai Food and Drug Administration
TPA	Thai Physician Association
WHO	World Health Organization
WPI	World Premier International Research Centre Initiative

