

ISCT 2018 Abstract Categories

In all abstract categories, Basic/Pre-Clinical /Clinical abstracts are encouraged.

Mesenchymal Stem Cells

- Multiple tissues derived MSC
- Novel Mesenchymal cell and tissue processing
- Novel Mesenchymal stem cell characterization (markers, functional assays, proteomics, genomics, etc.)

Hematopoietic Stem Cells

- Stem cell mobilization and collection
- Novel Hematopoietic cell and tissue processing
- Enhancing conditioning for transplantation
- Novel Hematopoietic stem cell characterization (markers, functional assays, proteomics, genomics, etc.)
- Enhancing cell engraftment and persistence

Engineered Stem Cell Products

- iPS Cells
- ES Cells
- Tissue-specific Stem Cells
- Stem Cell Plasticity

Immunotherapy

- Antigen presenting cells
- Cancer specific T cells
- Anti-infectious disease T cells
- Immune modulation –Treg / MDSC / MSC / ToIDC etc/Autoimmunity
- Innate immunotherapy (NK/NKT/CIK etc) cells and cell therapy

Exosomes

Oncolytic Viruses/Vaccines

Gene Therapy

- Retro
- Lenti
- Non-viral
- AAV
- Genetic modification

Tissue Engineering

- 3D Scaffolds (including 3D bioprinting) for Cell and Tissue generation
- Engineered organs and tissues
- Smart surfaces

Solid Organ Targeted Therapy – Pre-Clinical/Clinical Studies

- Cardiovascular Repair and Regeneration
- CNS Repair & Regeneration
- Pulmonary Repair & Regeneration
- Muscoskeletal Repair & Regeneration (Bone, Cartilage, Muscle, Other)
- Dental Repair & Regeneration
- Ocular tissues Repair & Regeneration (Corneal / limbal stem cells, Retinal stem cells, Other)
- GI, Liver, Renal Repair and Regeneration

Process Development and Facility Operations

- Technology transfer, intellectual property, commercialization
- Clinical process development and validation
- Obtaining and validating ancillary products, equipment
- Potency Assays
- Biomarkers, Immune Assessment, correlative studies
- Cell tracking
- Facility Design
- Facility Operations
- Supply Chain Logistics
- Cost of Goods

Regulatory Affairs and Quality Systems

- Regulatory inspections, reporting & submissions (ex. INDs, BLAs)
- Compliance
- Accreditation (JACIE/FACT, etc.)
- Legal aspects including consent and liability
- Policy development and implementation
- Ethical issues in cellular therapy
- QC (proficiency testing, release testing)
- QA/QM Quality Management (training & competency; monitoring and auditing; CAPA, investigations & deviation management; Validations, verifications, qualifications, etc.)