Stem Cell Engineering Committee
ESP Leadership Development Program

a) Committee's scope and research interests

The Stem Cell Engineering Committee provides a forum to discuss and advance the field of 'standard bone marrow transplantation', engineered stem cells (including T cell depletion techniques) and bridges to more advanced cell and gene therapy solutions for definitive cure of malignant and non-malignant life-threatening disorders. The Committee tries to identify and promote advancements in stem cell research, enabling technologies, and emerging applications of engineered stem cell products to drive the translation of safe and effective engineered stem-cell therapies worldwide. The Committee also considers the variability of clearance of agents given in the conditioning regimen as well as the immune reconstitution/immune milieu after transplant as predictors for outcomes. To that end, the Stem Cell Engineering Committee participates in the planning of the ISCT Annual Meeting scientific program and the review of submitted abstracts, it develops reviews to capture the status of current and new developments in stem cell engineering, and publishes position papers as necessary to advance the field. The Committee considers the technologies available to centers with limited resources in making recommendations that can be integrated into practice worldwide.

b) Projects and responsibilities for the ESP member

The ESP member will participate as a full voting member of the Committee and engage and collaborate in project tasks and assignments with other members and teams. The ESP member will have the opportunity to collaborate with Committee members on drafting reviews and position papers for publication in *Cytotherapy*.

c) ESP member's opportunities within the Committee

The ESP member will contribute to the initiatives and projects of the Committee as a member and will benefit from working alongside key opinion leaders in the field, receiving their guidance and mentoring in the process. The ESP member will be recognized as an author in key publications developed by the Stem Cell Engineering Committee over the course of the year.

Committee Webpage