

2013 줄기세포/재생의료 국제 컨퍼런스 행사 개요

글로벌 줄기세포/재생의료 연구개발촉진센터(GSRAC)는 줄기세포/재생의료 국내 연구 성과의 조기 실용화와 산업고도화를 위한 R&D 및 비즈니스 국제 네트워크 확대와 글로벌 리더십을 강화를 위해 2013년 3월 27일(수)~ 29일(금)(3일간), 그랜드 힐튼 서울에서 <2013 줄기세포/재생의료 국제 컨퍼런스>를 개최하고자 함

I

행사개요

○ 행사명

영문) Stem Cell & Regenerative Medicine Global Congress 2013

(약칭: SRGC 2013)

국문) 2013 줄기세포·재생의료 국제 컨퍼런스

○ 기간 : 2013년 3월 27일(수) ~ 29일(금), 3일간

○ 장소 : 그랜드 힐튼 호텔 서울

○ 주제 : Promotion of Clinical Delivery of Regenerative Therapeutics

○ 개최목적

: 줄기세포·재생의료 산업고도화와 연구성과의 조기 실용화 촉진 등을 위한

① R&D 및 비즈니스 글로벌 네트워크의 확대 및 강화

② 허가, 지적재산권 등 관련 규제 및 제도의 글로벌 표준화 추진

③ 기술패권주의 대응을 위한 글로벌 리더십 강화

○ 규모 : 약 500 ~ 600명

○ 주최 : 보건복지부

○ 주관 : 글로벌 줄기세포/재생의료 연구개발촉진센터

○ 주요행사 : 개회식 및 기조강연(Opening Session), 학술포럼, 전략포럼, 파트너링, 부스 전시, Press Interview

II

프로그램

구분		3월 27일 (수)	3월 28일 (목)	3월 29일 (금)
Academic Forum	08:30-09:00	Registration	Registration	
	09:00-09:30		Opportunities & challenges in regenerative medicine - Therapeutic Opportunities for incurable diseases - Developing Applications - Regulatory Challenges - Social Challenges - Panel Discussion	Regulatory Process & requirement - Regulatory Process & Requirements - USFDA & EMEA - KFDA & SFDA - Regulatory Harmonization - Panel Discussion
	09:30-10:00	Welcome Address - Presidential address - Minister of Health & Welfare		
	10:00-12:30	Plenary Session Regenerative medicine : A paradigm shift in healthcare From regenerative therapy to regenerative medicine Clinical delivery of regenerative therapeutics	Coffee Break (10:30-11:00) Commercialization of regenerative medicine - Market & Feasibility Study - Facilitation of clinical trial - Preclinical/clinical Development - Panel Discussion	Translational Research - Early Human Response: Biomarker - Model based Prediction - Transplantability of regenerative medicine - Panel Discussion
Luncheon Session	12:30-13:00	Lunch Session (Industry Showcase)		
		Lunch Break (13:00-14:00)		
Academic Forum	14:00-16:00	Stem Cell Transplant (I) Transplantation of fetal and adult stem cells, differentiated ESCs and iPS	Endogenous Stem Cell Therapy - Potentials & challenges of endogenous stem cell therapy: Exogenous vs. Endogenous approach - Stimulating Endogenous stem cells - Endogenous stem cell therapy for cartilage defect - Endogenous stem cell therapy for neural disorder	Tissue Engineering - Smart biomaterials promoting self-healing - in vitro functional tissue generation - in vivo engineered tissue integration
		Coffee Break (15:30-16:00)		
	16:00-17:30	Stem Cell Transplant (II) - Monitoring of implanted stem cells - Mechanism of action of stem cell therapy	Stem Cells as Delivery Vehicles - Gene therapy with stem cells - Stem cells for biomolecule delivery - High throughput transfection technology - Cell encapsulation technology	Drug Screening & Evaluation - Development of disease model for drug screening - Development of disease specific iPS cell lines - Preclinical application of stem cells: efficacy & toxicity assessment
Strategy Forum	14:00-16:00	Stem Cell Tourism - Public needs & global trend - Regulation & International collaboration - Therapeutic benefits & risks - Panel Discussion	Clinical Research Quality Standard - Risk Assessment & Control - Hospital Exemption - Clinical research guideline - Panel Discussion	Health Technology Assessment - Comparative Effectiveness Trials - Long-term outcomes Assessment - Value based Pricing - Panel Discussion
		Coffee Break (15:30-16:00)		
	16:00-17:30	Intellectual property - Intellectual property law - Patentability - Panel discussion	Open Innovation - Public-private partnership - International collaboration - Panel discussion	R&BD Business Model - Traditional business model - Business model innovation - Panel discussion
Partnering	17:00-17:30	Technology Presentation	Technology Presentation	