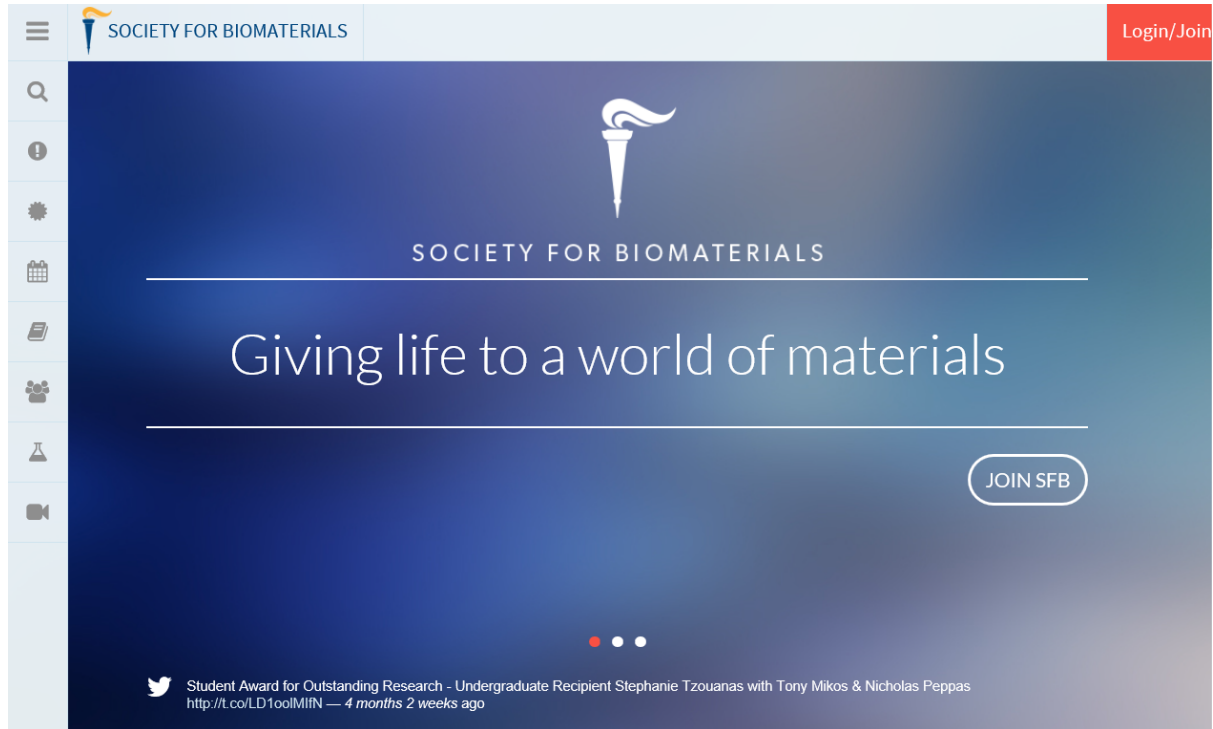


Society for Biomaterials

(<http://www.biomaterials.org>)



About the Society

Mission: The Society for Biomaterials is a multidisciplinary society of academic, healthcare, governmental and business professionals dedicated to promoting advancements in all aspects of biomaterial science, education and professional standards to enhance human health and quality of life.

Vision: The Vision of the Society for Biomaterials is to serve as the world's preeminent interactive global community committed to advancing excellence in all aspects of biomaterial science, engineering and technology for promoting human health and well-being.

2014 Annual Meeting

학회기간: April 16-19, 2014

장소: Denver, CO



Keynote Address

Michael J. Yaszemski, MD, PhD, Mayo Clinic

Session

Absorbable Polymers for Medical Devices: Current Status and Future Perspectives

Advances in Ophthalmic Biomaterials

Advances in Three Dimensional Scaffolds for Tissue Regeneration

Assessment and Development of Biomaterials Outreach Activities

Bio-Inspired Cellular Microenvironments

Biologically Derived Materials from Natural Resources

Biomaterials in the Fourth Dimension - Controlling Temporal Properties

Biomaterials for Immunomodulation

Biomaterials Microenvironment for Stem Cells and Tissue Regeneration

Biomaterial Strategies for Innervation, Nerve Repair and Integration

Biomolecule Delivery for Regenerative Medicine

Cardiovascular Biomaterials and Blood Compatibility

Cardiovascular Drug Delivery

Cardiovascular Tissue Engineering: Regenerative Approaches for Ischemic Diseases

Cellular and Molecular Responses of Biomaterials at the Biomaterial-Tissue Interface
Engineering Biomaterial Surface Topography for Tissue Repair
Engineering Cell-Cell Interactions within Biomaterials
Engineering Stimuli-Responsive Cues into Biomaterials
In-Situ Formed Biomaterials Translating to the Clinic and Marketplace
Implantable Drug Delivery Systems for Medical Devices and Cancer Therapy
Material/Tissue Interfacial Phenomena: Lessons Learned from Dental/Craniofacial Reconstructions
Mechanobiology for Biomaterials Design
Microfabrication Techniques for Vascularization of Tissue Engineered Constructs
Nanostructured Biomaterial Surfaces for Cellular and Tissue Engineering
New Frontiers in Polymers and Fibers for Biomedical Applications
Nucleic Acid Delivery
Orthopaedic Polymers
Pioneering Biomaterial Strategies for Traumatic Craniomaxillofacial Injuries
Recent Developments in Heart Valve Technology
Surgical Meshes
Sustainable Approaches to Biomaterials for Drug Delivery
Trends in Surface Modification of Bulk- and Nano-Biomaterials

Future Meeting



Related Publications

Acta Biomaterialia

Biomaterials

Journal of Biomedical Materials Research Part A

Journal of Biomedical Materials Research Part B: Applied Biomaterials

Materials Science and Engineering C

Materials Today

한국생체재료학회 (Korean Society for Biomaterials)

(<http://www.ksbm.or.kr>)

간행물

Biomaterials Research



춘계 학술대회

2014. 3. 28 빛고을 전남대병원(빛고을관절센터)

제 9차 춘계 학술대회 프로그램

대주제: Frontier Biomaterials For Healthcare		
시 간	행사 내용	
09:30 - 09:50	등록 및 포스터 부착	
09:50 - 10:00	개 회 식	
Session 1 : 치과 임플란트 재료		
좌장: 박상원(전남지대), 임운목(한국원자력연구원)		
10:00 - 10:30	Nanotube implant를 이용한 수직골 증대 Vertical bone growth using nanotube surface of titanium implant	윤귀덕(전남지대)
10:30 - 11:00	항 염증 기능을 가진 자가포식 촉진제 코팅 임플란트 개발 Implant coated with autophagy enhancer for prevention of inflammation	김원재(전남지대)
11:00 - 11:30	치과용 임플란트 주위염에 대한 골재생형 처치의 장기간 임상적 결과 Long-term clinical results of the regenerative therapy in dental peri-implantitis	정철웅(광주미르치과병원)
11:30 - 12:00	생활성 메조기공 나노재료의 경조직 재생 Bioactive mesoporous nanomaterials in hard tissue regeneration	김해원(단국지대/대학원 나노바이오의과학과)
중 식		
12:00 - 13:10	1. 이사회/임시총회	
	2. 학술위원회/편집위원회	
Session 2 : 바이오센서 재료		
좌장: 나건(가톨릭대), 이동운(한양대)		
13:10 - 13:50	자기조립 펩타이드 나노구조체를 이용한 생체거대분자 센싱 및 조절 Self-Assembled Peptide Nanostructures for Biomacromolecular Sensing and Modulation	임용범(연세대)
13:50 - 14:30	유전자 진단 마이크로 통합 시스템 Total integrated genetic analysis microsystem	서태석(KAIST)
14:30 - 15:10	약물동역학을 위한 바이오칩 Pharmacokinetics on a chip	홍종욱(한양대)
15:10 - 16:00	포스터 발표 및 심사/Coffee Break	
Session 3 : 조직재생 재료		
좌장: 한동근(KIST), 조승우(연세대)		
16:00 - 16:40	조직재생을 위한 세포파이버기반 혈관형성 연구 Cell encapsulated microfiber based vascularization strategy for tissue regeneration	황창모(아산생명과학연구원)
16:40 - 17:20	나노토포그래피를 이용한 중간엽 줄기세포의 분화 Nanotopography for differentiation of mesenchymal stem cells	유혁상(강원대)
17:20 - 18:00	관절연골 손상 치료의 최근 현황 Recent update of articular cartilage repair in clinical setting	이상훈(서울의대)
18:00 - 20:00	기술교류회(시상식/만찬)	

추계 학술대회



2014년 한국생체재료학회
제 22차 추계 학술대회 및 총회
일시 : 2014년 11월 6일 (목) ~ 7일 (금)
장소 : 한국과학기술회관(과총)