

Annual Next-Gen Tissue Engineering and Regenerative Medicine

October 14-15, 2019 | Singapore City, Singapore

October 14, 2019 **Conference Agenda** **Day 1**

Conference Hall: Changi Room 2, Lvl 3

09:00-09:30 **Registrations**

09:30-09:45 **Opening Ceremony**

09:45-10:00 **Introduction**

10:00-10:40

Keynote Forum

Tittle: 3D cell printed corneal stromal equivalent for corneal tissue engineering

Hyeonji Kim, Pohang University of Science and Technology, SouthKorea

10:40-11:20

Tittle: Antimicrobial activity of different active ingredients of toothpastes and extracts of local spices: a comparative analysis

Shamima Nasrin Shaheed, University of Dhaka, Bangladesh

Networking & Refreshment Break 11:20-11:30 @ Foyer

Group Photo

Oral Session I:
Tissue Engineering | Tissue Materials and Process| Regenerative and Personalized Medicine | Scaffolds Used In Tissue Engineering | Biomaterials and Bioengineering | Stem Cell Engineering (SCE) | Cancer Stem Cells

Session Chair: **Edwin Tanihaha,** Singapore
Session Co-chair: **Shamima Nasrin Shaheed,** Bangladesh

11:30-12:00

Title: Development and characterization of a polymeric scaffold as a wound dressing material

Neelima Varshney, Indian Institute of Technology (Banaras Hindu University), India

12:00-12:30

Tittle: Psyllium husk and enabling technologies of tissue engineering

Suruchi Poddar, Indian Institute of Technology (Banaras Hindu University), India

12:30-13:00

Poster Presentation

Title: Fabrication of Silk-Gelatin Based Corneal Analogs Using Electro spinning Technique

Ajay Kumar Sahi, Indian Institute of Technology (Banaras Hindu University), India

Lunch Break 13:00-14:00 @ Foyer

14:00-14:30

Poster Presentation

Title: Preparation and characterization of pectin/CMC/MCC composite as second degree burn wound dressing on Wistar rat (Rattus novergicus) model

Muhammad Alfath, Institut Teknologi Bandung, Indonesia

Oral Session II:
Tissue Engineering | Tissue Materials and Process| Regenerative and Personalized Medicine | Scaffolds Used In Tissue Engineering | Biomaterials and Bioengineering | Stem Cell Engineering (SCE) | Cancer Stem Cells

Session Chair: **Edwin Tanihaha**, Singapore
Session Co-chair: **hamima Nasrin Shaheed**, Bangladesh

14:30-15:00

Title: Tissue engineering and Scaffold designing challenges through digital Games and Simulations

Nahid Kheradmand, Mashhad stemcell research group, Mashhad, Iran

15:00-15:30

Title: Unravelling the efficiency of berberine loaded Bovine Serum albumin nanoparticle for breast cancer therapy

Sunita Patel, Central University of Gujarat, India

15:30-16:00

Title: Ethnobotanical Exploration of Flora of Sathan Galli District Mansehra, KP, Pakistan

Khalid Rasheed Khan, GPGC, Pakistan

16:00-16:30

Title: Interferon Regulatory Factor 4 in Cancer Gene Regulation

N. C. Tolga EMRE, Bogazici University, Turkey

Networking & Refreshment Break 16:30-16:40 @ Foyer

16:40-17:00

Video Presentation

Title: Heterogeneity of sympatho-adrenal system reveals new possible origin of neural-crest derived tumors

Pamela Klecki, Karolinska Institutet Stockholm, Sweden

Panel Discussion with Speakers and delegates (17:00-17:30)

Award Ceremony and Day-1 End (17:30)

