



TEL AVIV UNIVERSITY



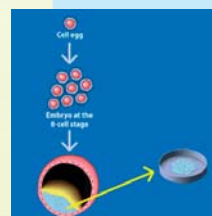
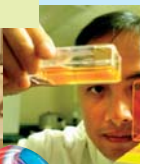
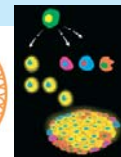
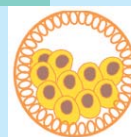
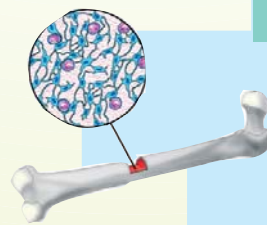
TAU Forum on Stem Cells and Regenerative Medicine

The TAU Forum on Stem Cells and Regenerative Medicine brings together world leaders and local investigators to showcase recent achievements in this field and highlight future directions. Scientific sessions will focus on embryonic and tissue stem cells and their application to human diseases. Investigators, physicians, and students from all institutes are cordially invited.

The meeting will take place on **Thursday, March 23rd, 2006**, at the **Bar-Shira Auditorium**, Tel Aviv University

Invited Speakers

- Daniel Aberdam (Nice)**
- Piero Anversa (New York)**
- Edward Baetge (San Diego)**
- Dafna Benayahu (Tel Aviv)**
- Dalit Ben-Yosef (Tel Aviv)**
- Shimon Efrat (Tel Aviv)**
- Jeffrey Gimble (Baton Rouge)**
- Michael Laflamme (Seattle)**
- Jonathan Leor (Tel Aviv)**
- Daniel Offen (Tel Aviv)**
- Hari Reddi (Sacramento)**
- Benjamin Reubinoff (Jerusalem)**
- Zipora Reuveni (Seattle)**
- Dov Zipori (Rehovot)**



Local Organizing Committee

- Dafna Benayahu**, Sackler School of Medicine
- Shimon Efrat**, Sackler School of Medicine
- Orna Elroy-Stein**, Faculty of Life Sciences
- Jonathan Leor**, Sackler School of Medicine
- Yossi Shacham**, Faculty of Engineering

Please confirm your participation by email to stem.cell.tau@gmail.com by February 28, 2006

Admission is free

TAU Forum on Stem Cells and Regenerative Medicine

Bar Shira Auditorium, Tel Aviv University, March 23, 2006

8:00-8:45 Registration
8:45-9:00 Opening remarks:

Prof. Itamar Rabinovitch, TAU President
Prof. Hagit Messer-Yaron, TAU V.P. for R&D

9:00-11:00 Session #1: Embryonic Stem Cells
Chair: Ruth Shalgi (Tel Aviv)

Edward Baetge (San Diego): Efficient production of definitive endoderm from hESCs mimics developmental events occurring during gastrulation

Dalit Ben-Yosef (Tel Aviv): Derivation of human embryonic stem cells from pre-implantation genetic diagnosed (PGD)-affected embryos for the study of human genetics

Benjamin Reubinoff (Jerusalem): Human embryonic stem cells – a potential platform for neural repair

Daniel Aberdam (Nice): Embryonic stem cells as a cellular model for normal and pathological skin development

11:00-11:30 Coffee break

11:30-13:00 Session #2: Mesenchymal Stem Cells
Chair: Zvi Nevo (Tel-Aviv)

Dafna Benayahu (Tel Aviv): Fate determination of mesenchymal stem cells

Jeffrey Gimble (Baton Rouge): Fat and the other stem cell

Hari Reddi (Sacramento): Articular cartilage regeneration : morphogens, stem cells and scaffolding

13:00-14:30 Lunch

14:30-16:00 Session #3: Stem cells in myocardial regeneration and repair
Chair: Alexander Battler (Tel Aviv)

Piero Anversa (New York): Cardiac stem cells

Michael Laflamme (Seattle): Cardiac applications for human embryonic stem cells

Jonathan Leor (Tel Aviv): Biomaterials for heart repair

16:00-16:30 Coffee break

16:30-18:30 Session #4: Tissue stem cells in cell replacement therapy
Chair: Eldad Melamed (Tel Aviv)

Zipora Reuveni (Seattle): The role of conventional and unconventional stem cells in maintenance and repair of adult skeletal muscle

Shimon Efrat (Tel Aviv): Cell replacement therapy for diabetes using tissue stem cells

Daniel Offen (Tel Aviv): Application of mesenchymal stem cells to neurodegenerative diseases

Dov Zipori (Rehovot): The stem state in cancer