

DAY FIVE—

# Kosher pork? Lab-grown hearts?

*Jewish challenges in the age of biotechnology*

Monday, October 30 7:30 PM  
at Beth Tzedec (1700 Bathurst Street)

On the 5<sup>th</sup> day of בראשית, God said “Let the waters bring forth swarms of living creatures, and let the birds fly over the earth...” New possibilities are on the horizon. Actual meat grown in a dish, not on the farm? Bio-identical organs created in a lab? Explore the scientific prospects, the bioethical questions, and the *halakhic* issues associated with the challenges that human-made meat and tissues create.

## Special guest speakers:

**Rabbi Daniel Nevins**, Dean of the Rabbinical School, Jewish Theological Seminary. A member of the Committee on Jewish Law and Standards of the Rabbinical Assembly, Rabbi Nevins has written about Jewish legal perspectives on genetically modified organisms.

**Dr. Milica Radisic**, Professor and Canada Research Chair in Functional Cardiovascular Tissue Engineering, University of Toronto. She has successfully engineered cells and tissues that treat heart disease. The biomaterials her lab has developed offer new hope for those suffering from these often fatal conditions.

**Dr. Steven Liss**, Professor of Biology and Vice-President, Research, Ryerson University. One of Beth Tzedec's own, he is an internationally recognized researcher in environmental biotechnology. As former Assistant Vice-President, Research at the University of Guelph, he is familiar with the unsuccessful "Enviro-pig", a pig genetically engineered to generate less harmful waste.

*Made possible thanks to contributions in memory of Jonathan Steiner <sup>z"l</sup>*

This series is a joint project of Beth Tzedec Congregation and Temple Emanu-El. It is sponsored by the Scientists in Synagogues project, which is organized by Sinai and Synapses in New York and the American Association for the Advancement of Science program of Dialogue on Science, Ethics, and Religion in Washington, DC. Support for the program comes from Clal—The National Jewish Center for Learning and Leadership in New York through the John Templeton Foundation, along with other donors.