



**University
of Victoria**

Retirees
Association

TWO NEWSWORTHY BIOMEDICAL ADVANCES THAT YOU SHOULD UNDERSTAND

Presented by Edward E. Ishiguro, PhD

AN ELDER ACADEMY EVENT

These presentations are designed to introduce, in a non-technical manner, the audience to two topics presently in the news: Stem Cells and Gene Editing.

WHEN, WHERE, HOW MUCH?

DATES: Saturdays, September 12 and 19, 2020

TIME: 10:00 am to noon (Zoom entry available starting at 9:45am)

WHERE: Online via Zoom

LINK TO JOIN THE SESSIONS: Emailed to registrants via Eventbrite

COST: \$10.00 for the series.

REGISTRATION AND PAYMENT

Registration and credit-card payment done through EventBrite. Please click on the following link: <https://www.eventbrite.ca/e/biomedical-advances-tickets-111254400908>

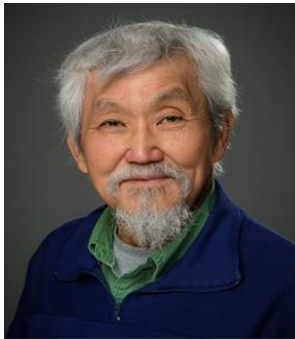
STUDENTS: Students attend free but must register by contacting uvra@uvic.ca using your UVic Netlink ID

TWO NEWSWORTHY BIOMEDICAL ADVANCES THAT YOU SHOULD UNDERSTAND

September Schedule

Saturdays, September 12 and 19, 10am – noon, Zoom

Presenter: Edward E. Ishiguro, PhD



Ed Ishiguro is Professor Emeritus in the Dept of Biochemistry & Microbiology at UVic. His research career, spanning over 30 years, identified the basis for bacterial antibiotic tolerance. He co-authored a recent nutritional science textbook on gut bacteria, their interaction with diet, and their influence on health and illness. A recipient of the Faculty of Science Teaching Excellence Award (2005) and the UVic Alumni Association Harry Hickman Teaching Excellence Award (2006), he currently dedicates much of his time as a science communicator primarily to lay audiences.

Presentation 1 (September 12): “An Introduction to Stem Cells”

This presentation describes the different classes of stem cells, their unique properties, and their potential therapeutic applications as well as their limitations. The current status of stem cell clinics will be discussed.

Presentation 2 (September 19): “An Introduction to Gene Editing”

Gene editing is a form of genetic engineering, applicable to all forms of life, that has been very much in current news. This is an introduction to the methodology, key examples, its applications and some of its major controversies.

NEED HELP?

If you have any questions or want more information about this event, please contact uvra@uvic.ca.