Sima Salahshor

Adjunct Professor at University of Toronto & ScienceHA, Inc

Toronto, ON, CA

Avid supporter of the scientific discoveries and advanced technologies that lead to great products and services.

Biography

Dr. Sima Salahshor is the Founder of ScienceHA, Inc., a scientific advisory and project management firm with focus on life sciences and healthcare related projects and programs. She has worked extensively with early-stage as well as larger corporate companies, and has a background in genetics, diagnostics, commercialization, product evaluation and marketing, and industry partnership development. She has over 20 years experience in oncology and clinical research and has published numerous peer-reviewed articles in the areas of cancer research, biomarker discovery and development and diagnostics.

Dr. Salahshor holds a Bachelor degree in Clinical Chemistry, a Master in Molecular Biology and a PhD in Medical Genetics from Karolinska Institute, Sweden, and is a certified Project Management Professional (PMP) with the Project Management Institute (PMI). Currently, she is an adjunct professor at the University of Toronto, Faculty of Medicine, where she designs and coordinates new courses and teaches graduate level students. During her carrier, she has been active serving on a number of boards of director, advisory committees and mentorship programs.

Availability

Keynote, Moderator, Panelist, Workshop

Industry Expertise

Non-Profit/Charitable, Insurance, Public Policy, Health Care - Services, Business Services, Research, International Trade and Development, Biotechnology, Pharmaceuticals, Medical Devices, Management Consulting, Education/Learning

Areas of Expertise

Medical Genetics, Companion Diagnostics, Business Development & Partnerships, Biomarkers, Oncology, Health Technologies, Marketing & Corporate Strategy, Program and Project Management, Medical Guideline and Policy

Affiliations

ScienceHA, Inc., Department of Laboratory of Medicine & Pathobiology, Faculty of Medicine, U of T, The Institute for Management & Innovation, University of Toronto Mississauga, I-CUBE

Sample Talks

Genetics and cancer risk factors
Communication of science to the general public is increasingly recognized as one of the responsibilities of scientists and health care professionals. In this session, principles of genetic inheritance, cancer risk factors, diagnostic and prognostic test methodologies and some of the latest treatment options are reviewed. The goal is to communicate scientific information and developments in the field of cancer genetics to promote better understanding of challenges & opportunities in personalized medicine among both professionals and the general public.

To be or not to be a scientist!
Various career paths available to students in science degree programs are reviewed. We also discuss what skills and qualifications are required to succeed in a graduate or postgraduate program and ultimately thrive as a good scientist. This talk was originally prepared for the "Summer Student Research Program" at the Department of Laboratory of Medicine and Pathobiology, Faculty of Medicine, University of Toronto.

Cell signaling pathways involved in carcinogenesis
Cell signaling pathways in normal and cancer cells will be discussed. We also review recent advancement in cancer treatment, novel drugs and their mechanism of action. This lecture is part of a graduate course that is offered at the University of Toronto, Faculty of Medicine.

Picturing Science: An overview of imaging technologies
In the past decades imaging technologies are increasingly used to model the dynamics and structure of biological systems. Biomedical imaging is now an integral part of biological and medical sciences and is used in both clinical practice and research. In this session some of the latest imaging technologies are reviewed.

Genetic diversity and drug resistance
Why some people respond to a treatment while others don't? What are the mechanisms of drug resistance? How genetic makeup or dynamic genetic changes in cells contribute to drug resistance? Why a person develops tolerance to a drug? How biomarkers can help predict drug response? These are some of the questions that will be discussed in this session.

Education

Project Management Institute (PMI)
PMP Certification License #1661589

Karolinska Institute
Ph.D. Medical Genetics

Uppsala University
M.Sc. Molecular Biology

University College of Health Science
B.Sc. Clinical Chemistry

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