

HSTalks

The Biomedical & Life Sciences Collection

This Month's Releases

今月は精神医学、免疫学、糖尿病、脳卒中をはじめとするトピックが新たに追加されました。詳細は下記リストをご覧ください。

This month's release to The Biomedical & Life Sciences Collection covers a variety of topics ranging from introductory talks in immunology, anatomy and ecology, to advanced topics such as pharmacogenetics in psychiatry, autism in adulthood, the immune pathogenesis of type 1 diabetes, stroke rehabilitation, and more. Teaching faculty members may find the talk "Using just-in-time teaching for undergraduate science courses" particularly useful.

In the series Periodic Reports: Advances in Clinical Interventions and Research Platforms we are delighted to host Dr Simon Tausch of the Robert Koch Institute in Germany, who describes PathoLive, a diagnostics tool that offers medical doctors fast and reliable detection of pathogens in patients. The method, which is particularly useful for outbreaks of unknown origin, utilises next-generation sequencing coupled with real-time analysis of complete metagenomic samples, and provides an open-ended analysis that is not limited to pre-defined pathogen profiles.

Finally, several new audio interviews on the Covid-19 pandemic were added recently, discussing the forces behind the emergence of novel SARS-CoV-2 mutations and the impact of these mutations on transmissibility and virulence, the development of protease inhibitors as

potential therapies, and the latest insights on the epidemiology of the pandemic in light of accelerated vaccination programmes.

A list of the released talks and recent interviews is provided below my signature.

Kind regards,

Eyal Kalie, PhD

Senior Editor

Henry Stewart Talks Ltd

Ruskin House 40/41 Museum Street

London WC1A 1LT

Tel: +44 (0) 207 092 3485

Email: eyalk@hstalks.com

Website: www.hstalks.com/biosci/

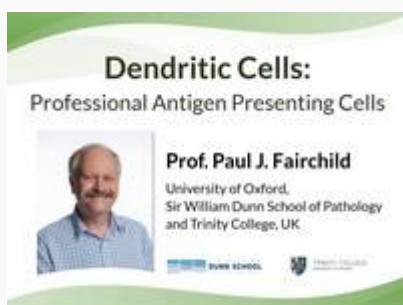


Genetics and psychotropic drugs: present and future clinical applications

Dr. Chiara Fabbri

King's College London, UK

[PLAY ▶](#)

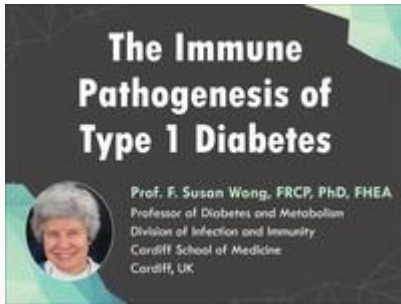


Dendritic cells: professional antigen presenting cells

Prof. Paul J. Fairchild

University of Oxford, UK

[PLAY ▶](#)



The immune pathogenesis of type 1 diabetes

Prof. F. Susan Wong
Cardiff School of Medicine, UK

[PLAY ▶](#)



PathoLive: pathogen detection while sequencing

Dr. Simon Tausch
Robert Koch Institute, Germany

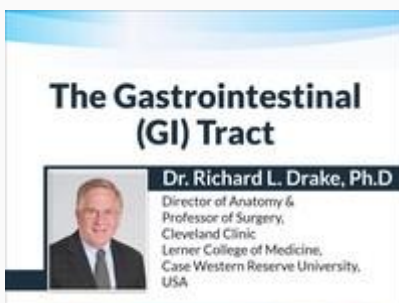
[PLAY ▶](#)



Autism in adulthood: improving the future

Prof. Emeritus Patricia Howlin
King's College London, UK

[PLAY ▶](#)



The gastrointestinal (GI) tract

Dr. Richard L. Drake
Cleveland Clinic Lerner College of Medicine, USA

[PLAY ▶](#)

**Using Just-in-Time Teaching
for Undergraduate
Science Courses**



Dr. Marjorie Kelly Cowan, Ph.D.
Professor Emerita of Microbiology
Miami University of Ohio, USA

Using just-in-time teaching for undergraduate science courses

Dr. Kelly Cowan
Miami University, USA

[PLAY ▶](#)

**Legacy of *Drosophila* Genetics:
Female Germline Stem Cells**




Assistant Professor Michael Buszczak
Department of Molecular Biology
UT Southwestern Medical Center
Dallas, Texas

Legacy of drosophila genetics: female germline stem cells

Prof. Michael Buszczak
University of Texas Southwestern Medical
Center, USA

[PLAY ▶](#)

**Acute Therapy of Stroke
and Reperfusion Treatments**



Prof. Brian Silver, MD
Department of Neurology,
University of Massachusetts
Medical School,
Worcester, Massachusetts, USA

Acute therapy of stroke and reperfusion treatments

Prof. Brian Silver
University of Massachusetts, USA

[PLAY ▶](#)

Stroke Rehabilitation
Part 1: Principles of Stroke



Robert Teasell MD FRCPC
Professor Physical Medicine and Rehabilitation
Schulich School of Medicine
Western University
Parkwood Institute, Lawson Research Institute
London, Ontario, Canada

Stroke rehabilitation: principles of stroke

Prof. Robert Teasell
Western University, Canada

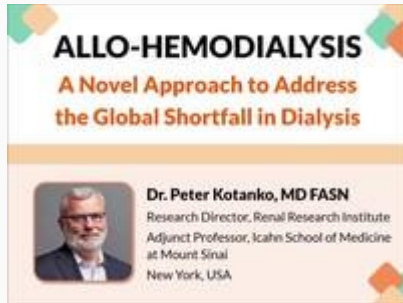
[PLAY ▶](#)



Stroke rehabilitation: therapies and treatments

Prof. Robert Teasell
Western University, Canada

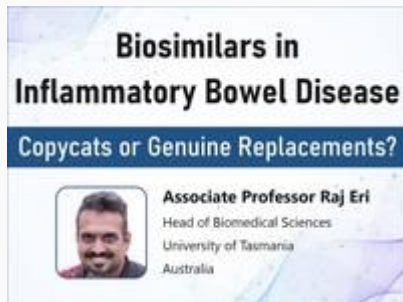
[PLAY ▶](#)



Allo-hemodialysis: a novel approach to address the global shortfall in dialysis

Prof. Peter Kotanko
Renal Research Institute, USA

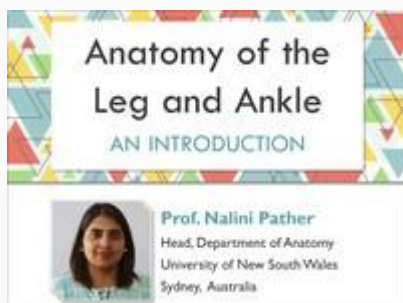
[PLAY ▶](#)



Biosimilars in inflammatory bowel disease: copycats or genuine replacements?

Prof. Raj Eri
University of Tasmania, Australia

[PLAY ▶](#)



Anatomy of the leg and ankle: an introduction

Prof. Nalini Pather
University of New South Wales, Australia

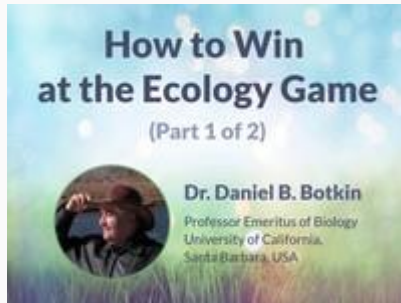
[PLAY ▶](#)



Transient ischemic attack and cognition

Dr. Jennifer Mandzia
Western University, Canada

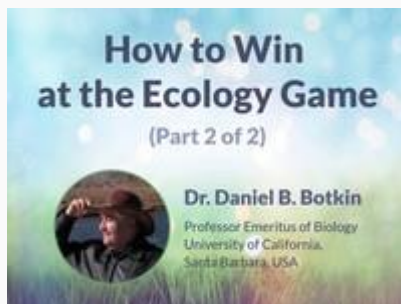
[PLAY ▶](#)



How to win at the ecology game 1

Dr. Daniel B. Botkin
UC Santa Barbara, USA

[PLAY ▶](#)



How to win at the ecology game 2

Dr. Daniel B. Botkin
UC Santa Barbara, USA

[PLAY ▶](#)



Stress and reproduction

Dr. Eran Gershon
Agricultural Research Organization, Israel

[PLAY ▶](#)



Complement 3 glomerulopathy (C3G) and haemolytic uraemic syndrome (HUS)

Prof. David Kavanagh
National Renal Complement Therapeutics Service, UK

[PLAY ▶](#)

Interviews about the Covid-19 pandemic



The COVID-19 outbreak: April 2021 update

Prof. Jonathan Temte
University of Wisconsin, USA

[PLAY ▶](#)



Genetic surveillance and the emergence of SARS-CoV-2 variants

Prof. Emma Thomson
University of Glasgow, UK

[PLAY ▶](#)



Identifying SARS-CoV-2 proteases

Prof. Dr. Christa E. Müller
University of Bonn, Germany

[PLAY ▶](#)

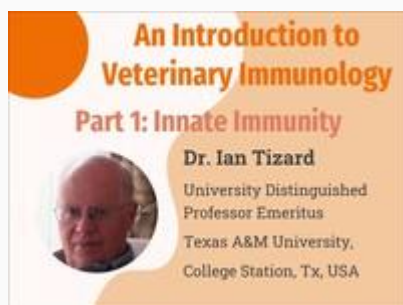


SARS-CoV-2 evolution within and between individuals

Prof. Katia Koelle
Emory University, USA



Featured talks from previous releases



For more specially commissioned lectures:



For assistance, contact HSTalks subscriber support:

Subscriber Support, Henry Stewart Talks Ltd

Tel: +44 (0) 20 7164 6721, Email: access@hstalks.com

Address: 40/41 Museum Street, London WC1A 1LT, United Kingdom

Follow HSTalks 