

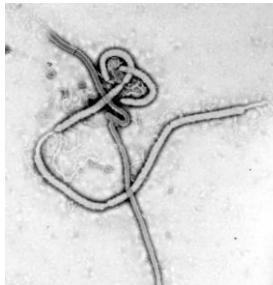
Quinto Ateneo Biomédico Cátedra FISABIO – Universitat de València

Professor Edward C. Holmes, FAA

**National Health and Medical Research Council (NHMRC)
Australia Fellow**

Marie Bashir Institute for Infectious Disease and Biosecurity

**Charles Perkins Centre, School of Biological Sciences and Sydney Medical School
University of Sydney, Australia.**



Pandemics Past and Present

Intervienen:

- Prof. Amparo Latorre (UV, FISABIO-SP)
- Prof. Federico Pallardó (UV)
- Prof. Jose Vicente Castell (UV, IIS La Fe)
- Prof. Josep Redón (UV, INCLIVA)
- Dr. Jordi Perez Tur (IBV-CSIC)
- Dr. Vicente Rubio (IBV-CSIC)
- Dr. Javier Díez (FISABIO-SP)
- Dr. Joaquín Dopazo (CIPF)
- Prof. Andrés Moya (UV, FISABIO-SP)
- Dr. Salvador Peiró (Conselleria de Sanitat Universal i Salut Pública)

Lunes 11 de julio de 2016 a las 17:00

Fundación para el Fomento de la Investigación Sanitaria y Biomédica de la Comunitat Valenciana (FISABIO), Avda. Cataluña, 21 46020 – Valencia

Prof. Edward Holmes

NHMRC Australia Fellow at the Charles Perkins Centre, University of Sydney, with concurrent Professorial appointments in the School of Life & Environmental Sciences and Sydney Medical School (Marie Bashir Institute for Infectious Diseases & Biosecurity). He is also a Guest Professor at the Chinese Center for Disease Control and Prevention (Beijing). Prior to joining the University of Sydney, Eddie was the Verne M. Willaman Chair in the Life Sciences at The Pennsylvania State University, USA, and had an adjunct appointment at the National Institutes of Health. Eddie received his undergraduate degree from the University of London (1986) and his Ph.D. from the University of Cambridge (1990). Following that, he performed postdoctoral research at the Universities of California (Davis), Edinburgh and Oxford. Between 1993-2004 he held various positions at the University of Oxford, including University Lecturer in Evolutionary Biology and Fellow of New College, before moving to Penn State. His research focuses on the emergence, evolution and spread of RNA viruses, with special emphasis on revealing the genetic and epidemiological processes that underpin viral emergence, the molecular epidemiology of important human pathogens, and the major mechanisms of virus evolution. In 2003 he was awarded the Scientific Medal for 'Achievement in Research by a Zoologist Under the Age of 40' by the Zoological Society of London (UK) for his work on evolutionary biology and bioinformatics. In 2008 he became a Kavli Fellow of the National Academy of Sciences, USA, and in 2010 he won the Faculty Scholars Medal in the Life and Health Sciences at Penn State. He was elected a Fellow of the Australian Academy of Science (FAA) in 2015. In total, Eddie has published over 450 peer-reviewed publications, with ~40,000 citations and an h-index of 105.



¿En qué consisten los Ateneos Biomédicos Valencia?

Los **Ateneos Biomédicos Valencia** son encuentros periódicos donde **especialistas del sector** se reúnen con el objetivo de debatir en torno a una **investigación biomédica actual**.

El encuentro comienza con una conferencia a cargo de un investigador **invitado**. A partir de esta ponencia, el grupo de ateneístas, formado por diversos **investigadores del área Biomédica** procedentes de distintas instituciones de la ciudad de **Valencia**, debatirá sobre el tema presentado.

Estos ateneos están **abiertos al público** que desee asistir y participar en el debate. Para ello, es imprescindible confirmación de asistencia.

El ateneo será **grabado y retransmitido en diferido** a través de internet para que sea accesible a todo el público general.

Programa

Lunes 11 de julio de 2016, 17:00

17:00-17:10

Bienvenida a cargo del **Prof. Andrés Moya**, Catedrático de Genética de la Universitat de València, Investigador del Área de Genómica y Salud de FISABIO y Director de la Cátedra.

17:10-18:00

Conferencia impartida por el **Prof. Edward Holmes**, titulada **“Pandemics Past and Present”**:

"I will show how modern genomic techniques, notably meta-transcriptomics and ancient DNA, can provide important new information on microbial biodiversity, origins and evolution. I will first demonstrate how modern molecular and evolutionary techniques have provided a unique 'genomic anatomy' of the recent outbreak of Ebola in West Africa, arguably the most densely sampled human epidemic ever. I will then show how the analysis of 'ancient DNA' from archival human remains (including those present in medical collections) can inform on past infectious disease epidemics, focusing on an infamous bacterial disease – plague – where the recovery of genomes >5000 years old is now possible, as well as early spread of the malarial parasite Plasmodium falciparum, and the virus responsible for smallpox. Finally, I will show how the meta-transcriptomic analysis of invertebrates is transforming our understanding of viral evolution, revealing the ancestry of many vertebrate viruses, challenging traditional classification systems, and highlighting that most RNA viruses are unlikely to be associated with disease in their hosts."

18:00-19:00

Debate a cargo de los siguientes ateneístas que han confirmado asistencia.

Confirma tu asistencia a través del siguiente enlace:
<http://quintoateneobiomedicocatedrafisabio.eventbrite.es>

O enviando un correo electrónico a la siguiente dirección:
fernandez_patsai@gva.es (Att. Patricia Fernández)

Lugar

Fundación FISABIO, Avda. Cataluña, 21 46020 - Valencia

Contacto Cátedra FISABIO-UV

Patricia Fernández Saiz

Avda. Cataluña, 21 46020 - Valencia

Teléfono: (+34) 961 926 363

E-mail de contacto: fernandez_patsai@gva.es

Web: <http://grupos.fisabio.san.gva.es/web/catedra/inicio>

Cómo llegar

Bus: línea 41



**GENERALITAT
VALENCIANA**



**Fundación para el Fomento de la
Investigación Sanitaria y Biomédica
de la Comunitat Valenciana**



**UNIVERSITAT
DE VALÈNCIA**