

Marc Wilkins

D.Sc. / Ph.D. / B.Sc.

Professor

University of New South Wales

Director

Ramaciotti Centre for Geonomics



E-mail: admin@khupo.org

Homepage: <http://aohupo2021.org>

Issue Date: April 30th, 2021

Sponsored by    Agilent  ThermoFisher Scientific  KRIS

10th Asia-Oceania Human Proteome Organization Congress

PROTEOMICS:
FROM DARK
TO BRIGHT

5 Plenary Lectures,
12 Symposia,
10th AOHUPO Special Session,
Education Session,
C-HPP Symposium

Early Registration D-31

On-site participation is limited to 100 people including number of speakers, chairs and organizers.
(first-come, first-serve basis)

OVERVIEW

Title	10th Asia-Oceania Human Proteome Organization Congress
Date	June 30 (Wed) ~ July 2 (Fri), 2021
Venue	Busan, Korea
Organized By	The Korean Human Proteome Organization
Website	AOHUPO2021.org

REGISTRATION

Regular	Early Registration	₩ 100,000(\$100)
	Late Registration	₩ 200,000(\$200)
Post Doctor	Early Registration	₩ 50,000 (\$50)
	Late Registration	₩ 150,000(\$150)
Student	Early Registration	₩ 25,000 (\$25)
	Late Registration	₩ 100,000(\$100)
Education Session ₩ 50,000(\$50)		

KEY DATES

Early Registration	~ May 31, 2021
Abstract Submission	~ May 31, 2021
Late/On-site Registration	June 1 ~ July 2, 2021

Plenary Speakers



Matthias Mann

June 30th (Wed)
15:40-16:30(KST)



Kyungjae Myung

July 1st (Tue)
11:20-12:10(KST)



Joshua LaBaer

July 1st (Tue)
15:20-16:10(KST)



Marc Wilkins

July 2nd (Fri)
11:20-12:10(KST)



David Goodlett

July 2nd (Fri)
17:10-18:00(KST)

Updated News

1. Reduction on Students' Early registration Fee! From \$50 to \$25 now

Local Organisation Committee have decided to lower the registration fee to receive students' active participation for 10th AOHUPO. We hope to inspire more students and make interaction with other researchers and young scientists and accumulate broad knowledge through the conference.

2. Post Doctor Registration is available from next week (Monday, 3rd May)

Now, if you are the post doctor of your organization or lab, you can register as Post Doctor.

3. The Early Registration period has been extended to the 31st May(Mon)

Since the registration fee has changed, we decided to extend the early-registration period.

Changed deadline for early registration: 31st May(Mon)

4. Refund

If you have already registered as Student or Regular(Post Doctors), Please contact through our secretariat email(admin@khupo.org). The refund will be made after the conference.

Marc Wilkins

D.Sc. / Ph.D. / B.Sc.



Professor

University of New South Wales

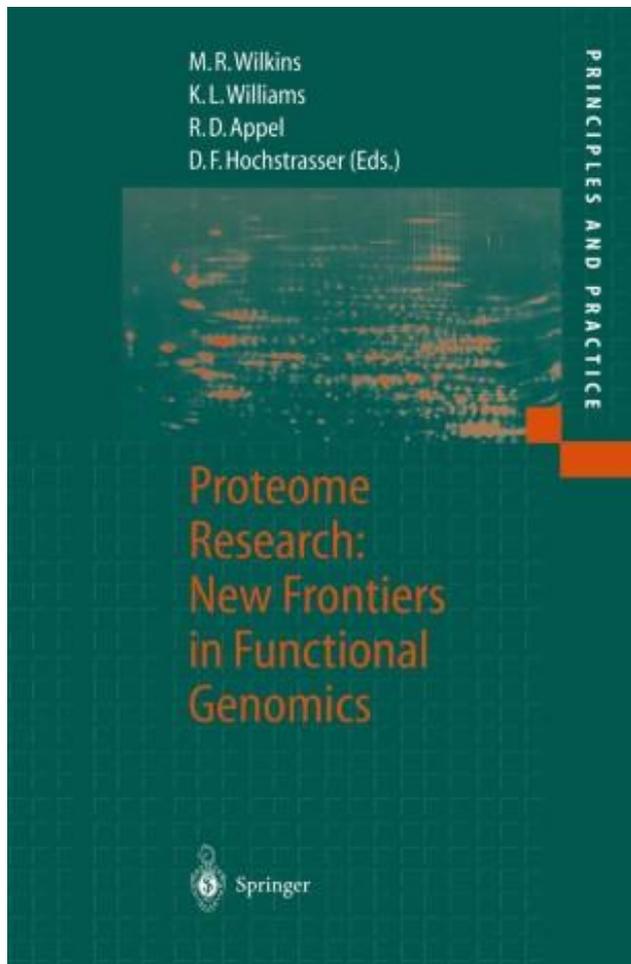
Director

Ramaciotti Centre for Geonomics

E-mail: admin@khupo.org

Homepage: <http://aohupo2021.org> Issue Date: April 30th, 2021

4th Plenary Speaker

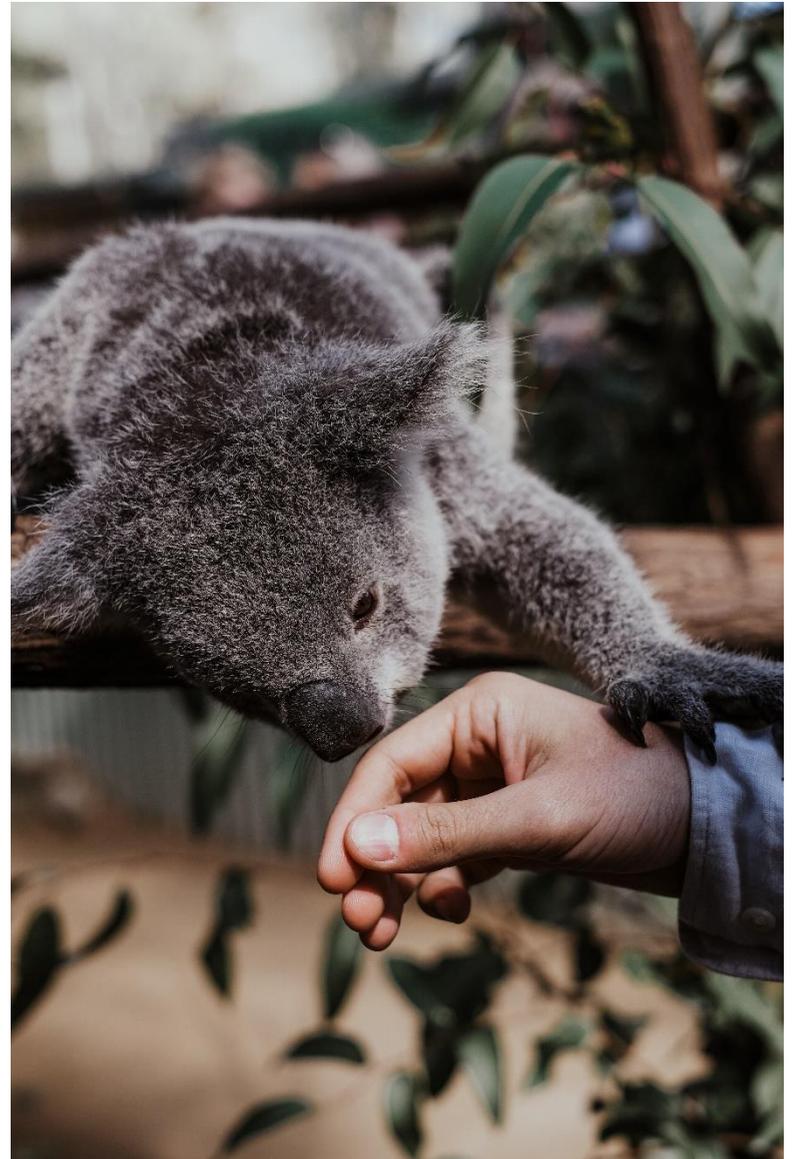


Proteome Research:
New Frontiers in Functional Genomics

Marc Wilkins is an Australian Scientist who is credited with the defining the concept of the proteome. He proposed the term 'proteome' in 1994 while developing the concept as a Ph.D. student at Macquarie University describing it as the '**PRO**tein complement expressed by a gen**OME**'. The term is a generalisation of the concept of the genome to encompass the set of all proteins that can be produced through the genome through alternative splicing and post-transcriptional modification of messenger RNA. He received B.Sc. and Ph.D. degrees from Macquarie University, Sydney, Australia. He held a post-doctoral fellowship from 1995-1997 at the University of Geneva, Switzerland. He subsequently served as a senior post-doctoral fellow in the Australian Proteome Analysis Facility from 1997-1998. In 1997, He co-edited the first book on proteomics, 'Proteome Research: New Frontiers in Functional Genomics', which sold more than 4,000 copies.

4th Plenary Speaker

In 1999, he became a co-founder of the proteome Systems Limited. He worked in Proteome systems full-time for 6 years as leader of its bioinformatics R&D team then as Head of Proteomics. It was awarded IBM's "Rookie of the Year Award" for companies in the Asia-Pacific region, in 2003. Marc Wilkins is currently a Professor of Systems Biology at University of New South Wales and is the director of the OSystems Biology Initiative and the Ramaciotti Centre for Geonomics. He has published more than 200 research papers and book chapters. His current research concerns the role of protein methylation in the eukaryotic cell, the use of crosslinking mass spectrometry (XL-MS) for proteome-scale analysis of protein interaction networks (the interactome) and the bioinformatic analysis of next-generation sequencing data. As part of the koala genome consortium, his team did all PacBio long-read sequencing and then Falcon-based assembly to generate the most complete and contiguous marsupial genome to date.



Abstract for 4th Plenary Lecture

The intracellular network of protein methylation: enzymes, motifs, crosstalk, regulation and function

Marc Wilkins

School of Biotechnology and Biomolecular Science, University of New South Wales, Sydney Australia

Protein methylation is one of the most widespread modifications in the eukaryotic cell. Functionally its role is best-characterised in histone proteins and proteins involved in RNA processing and transport, although methylation is involved in many other cellular processes. The dysregulation of methylation is strongly associated with cancer and with metabolic, neurodegenerative, and muscular disorders. This talk will describe how we have used proteomics for the discovery of methylation sites in the proteome, the discovery of protein methyltransferases and the definition of their recognition motifs.

The talk will also discuss investigations into the crosstalk of methylation and phosphorylation in the proteome, and how phosphorylation regulates protein methyltransferases. Finally, this talk will explore how crosslinking mass spectrometry is providing entirely new insights into the function of methylation in the cell.

PROTEOMICS

FROM
TO

DARK
BRIGHT

10TH
ASIA-OCEANIA
HUMAN PROTEOME
ORGANIZATION
CONGRESS

JUNE 30
– JULY 02
2021
BEXCO, BUSAN
KOREA

5 Plenary Lectures,
12 Symposia,
10th AOHUPO Special Session,
Education Session,
C-HPP Symposium

AOHU 