

Animal Genomics and Bioresource Research Center KU

KU



Animal Genomics & Genome project

▶ lessons learned from global partnerships

28 October 2021- 20 January 2022

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8 Chapters

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Vice Dean for Academic Affairs
Faculty of Fisheries, Kasetsart University.



Prof. Ikuo Miura
Amphibian Research Center,
Hiroshima University, Japan.



Prof. Darren Griffin
School of Biosciences,
University of Kent, UK.



Prof. Vivek T Natarajan
CSIR-Institute of Genomics and
Integrative Biology, India.



Prof. Kenichi Nishijima
Department of Biotechnology,
Nagoya University.



Prof. Vladimir A. Trifonov
Institute of Molecular and
Cellular Biology SB RAS, Russia.



Prof. Shigehiro Kuraku
Molecular Life History Laboratory,
Department of Genomics and
Evolutionary Biology, National Institute
of Genetics, Japan.



Prof. Tony Gamble
Department of Biological Sciences,
Marquette University, United States.



Prof. Nicole Valenzuela
Department of Ecology, Evolution,
and Organismal Biology Iowa
State University, United States.



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28 October 2021- 20 January 2022

Chapter 1

28 October 2021 - 13.00 pm - 14.30 pm (Thai time) / 15.00 pm - 16.30 pm (Japan time).

Title: Frog and Biology: Sex, Evolution and DNA music.

Speaker: Prof. Ikuo Miura

Affiliation: Amphibian Research Center, Hiroshima University, Japan.

Chapter 2

4 November 2021 - 14.00 pm - 15.30 pm (Thai time) / 08.00 am - 09.30 am (UK time).

Title: Pig and Cattle screening system and how to develop next to farmer.

Speaker: Prof. Darren Griffin

Affiliation: School of Biosciences, University of Kent, UK.

Chapter 3

16 November 2021 - 14.30 pm - 16.00 pm (Thai time) / 13.00 pm - 14.30 pm (India time).

Title: Understanding Biology of skin using zebrafish as a model system.

Speaker: Prof. Vivek T Natarajan

Affiliation: CSIR-Institute of Genomics and Integrative Biology, India.

Chapter 4

26 November 2021 - 13.00 pm - 14.30 pm (Thai time) / 15.00 pm - 16.30 pm (Japan time).

Title: Chicken Bioresource: Research, Breeding, and utilization and how to develop for farmer.

Speaker: Prof. Kenichi Nishijima

Affiliation: Department of Biotechnology, Nagoya University.

Chapter 5

29 November 2021 - 13.00 pm - 14.30 pm (Thai time) / 09.00 am -10.30 am (Russia time).

Title: Biogeography and conservation genomics of sturgeons.

Speaker: Prof. Vladimir A. Trifonov

Affiliation: Institute of Molecular and Cellular Biology SB RAS, Russia.

Chapter 6

13 December 2021 - 13.00 pm - 14.30 pm (Thai time) / 15.00 pm - 16.30 pm (Japan time).

Title: Diversity and evolution of sharks and rays: from genome evolution to real-world questions.

Speaker: Prof. Shigehiro Kuraku

Affiliation: Molecular Life History Laboratory, Department of Genomics and Evolutionary Biology, National Institute of Genetics, Japan.

Chapter 7

7 January 2022 (Friday) 07.30 am - 09.00 am (Thai time) / 6 January 2022 (Thursday) 19.30 pm - 21.00 pm (WI USA time).

Title: Gecko Genomics and Evolution.

Speaker: Prof. Tony Gamble

Affiliation: Department of Biological Sciences, Marquette University, United States.

Chapter 8

20 January 2022 (Thursday) 07.30 am - 09.00 am (Thai time) / 19 January 2022 (Wednesday) 19.30 pm - 21.00 pm (Central USA time).

Title: Turtles as emerging models for ecology, evolution, and human health.

Speaker: Prof. Nicole Valenzuela

Affiliation: Department of Ecology, Evolution, and Organismal Biology Iowa State University, United States.

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Chapter 2



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