

**【report】 2024 Kimura Motoo Award
by The Motoo Kimura Trust Foundation for
the Promotion of Evolutionary Biology**

**The 4th Kimura Motoo International Award and Symposium
and the 100th Birth Anniversary, 30th Memorial Year of Dr. Motoo Kimura,
and the 20th anniversary of The Motoo Kimura Trust Foundation**

**第4回木村国際賞受賞記念合同国際シンポジウム
木村資生博士生誕100年・没後30年記念・木村基金創設20周年**

Date : Saturday, November 9, 2024
Award Symposium 09:30 – 15:00
Award Ceremony 15:00 – 16:00
Award Banquet 16:00 – 18:00

Venue: Gakushikaikan, Tokyo
Symposium and Award Ceremony: room 202
Award Banquet: room 210



Awardee :
Dr. Wen-Hsiung Li

Biodiversity Research Center, Academia Sinica
Department of Ecology & Evolution, University of Chicago
中央研究院 生物多様性研究センター
シカゴ大学 生態学・進化学部

**The outstanding works on Molecular evolution by both
experimental and theoretical methods**
実験と理論の両方法による卓越した分子進化研究

Reason for Recommendation

Dr. Li has made significant contributions to the elucidation of molecular evolutionary processes and mechanisms using experimental and mathematical methods. In particular, he led the development of methods for systematic comparative analysis. For example, his methods for comparative analysis of transcriptomes to estimate gene co-expression networks and prediction of transcription factor binding sites using machine learning are worthy of special mention. Furthermore, using these methods, Dr. Li has greatly advanced evolutionary research in related fields by studying the long-term evolution of differential gene expression regulation functions between humans and apes, and the evolution of molecular mechanisms controlling the developmental process of avian feathers. Dr. Li has published two well-used textbooks, “Fundamentals of Molecular Evolution” (co-authored with Dr. Dan Graur) and “Molecular Evolution” (single author). He has also published over 400 original papers, with a total of approximately 85,000 citations. For these reasons, Dr. Li will be awarded the 2024 Kimura Motoo International Prize.



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**Kimura Motoo Award Symposium
(Gakushikaikan room 202)**

Chair: Naruya Saitou

09:30 -09:40 Opening Remark: Takashi Gojobori

09:40 -10:05 Speaker1:

Satoshi Oota (The National Institute of Physical and Chemical Research)

"Real-Time Course Analysis: The Reconstruction of Cellular Diversity and Lineage Trajectories from Somatic Mutational Patterns in Single-Cell Transcriptome Data"

10:05 -10:10. Discussion

10:10 -10:35 Speaker2: So Nakagawa (Tokai University)

"Diversity and evolution of retrovirus-derived genes contributing to mammalian placental development"

10:35 -10:40 Discussion

10:40 -11:05 Speaker3: Toshinori Endo (Hokkaido University)

"A new approach to drug repurposing with two-stage prediction, machine learning, and unsupervised clustering of gene expression"

11:05 -11:10 Discussion

11:10 -11:35 Speaker4: Katsuhiko Mineta (Waseda University)

"Decoding the Ocean's DNA: Environmental Genomics and the Evolution of Marine Ecosystems"

11:35 -11:40 Discussion

11:40 -12:05 Speaker5: Kosuke Hanada (Kyushu Institute of Technology)

"Functional roles of lineage-specifically emerged genes in plant evolution"

12:05 -12:10 Discussion

12:10 -13:00 Lunch Time

13:00 -13:50 Award Lecture ; Wen-Hsiung Li

"Regulatory divergence between humans and chimpanzees"

13:50 -14:00 Discussion

14:00 -14:35 Kimura Foundation Lecture:

Takashi Gojobori (The Motoo Kimura Trust Foundation)

"Life and Science of Motoo Kimura, beyond Darwin"

14:35 -14:45 Discussion

14:45 -14:55 Closing Remarks: Naoyuki Takahata

14:55 -15:00 Break



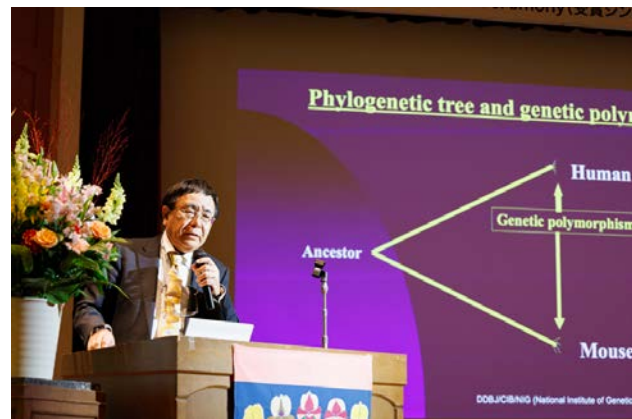
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Kimura Motoo Award Ceremony

Chair: Yoko Satta

15:00 -15:10 Opening Remarks and Selection Process

Chair of the Committee: Takashi Gojobori

15:10 -15:20 Congratulatory Remarks:

Mr. Toshihiro Suzuki, President and CEO, Suzuki Motor Corporation

15:20 -15:30 Awarding: Dr. Wen-Hsiung Li

Presentation of Certificate, Trophy, and Prize Money Wen-Hsiung's words

15:30 -15:40 Closing Remarks: Yoko Satta

15:40 -15:50 Group photo

15:50 -16:00 Move room



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Kimura Motoo Award Banquet

16:00 -18:00 Award Banquet
(Gakushikaikan room 210)
MOC: Kenichi Aoki

16:00 -16:05 Opening Greeting: Takashi Gojobori
16:05 -16:10 Congratulatory Remarks: Yoshio Tateno
16:10 -16:15 Toasting: Naoyuki Takahata
16:15 -17:55 buffet style
17:55 -18:00 Closing Greetings: Naruya Saitou



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2024 Kimura Motoo Award Novelty, Display

Novelty



Display



2024 Kimura Motoo Award WEB site

Award Winners Page

Year	Prizee name	Reason for award
2024	Dr. George Berrigan (Assistant Professor, North Carolina State University, USA)	For your life-long achievements on Molecular Evolution and Evolutionary Genetics
2023	Dr. Minggang Saitou (Ph.D., Department of Biological Sciences, University of California, USA)	For your life-long achievements on Population Genetics
2022	Dr. Inomata Shigeo (Professor of Evolutionary, Cellular, and Molecular Biology, School of Biotechnology and Environmental Science, Aichi University, Japan)	For your life-long achievements on Molecular Phylogeny
2021	Dr. Masaru Hasegawa (Senior Lecturer and former Professor of Biology, Department of Biology, Stanford University, USA)	For your life-long achievements on study of "Neutral Mutation"
2020	Dr. John Paulian Bingham II (Senior Lecturer, University of British Columbia, Canada)	For your life-long achievements on Population Genetic Theory
2019	Dr. Mikko Saarela (Professor, Institute of Systematics, University of Cologne, Germany)	For the outstanding works on "Very resolution of deep-time phylogenetic reconstruction"
2018	Dr. Richard Hudson (Professor Emeritus, University of Chicago, USA)	For the outstanding works on "The relationship among with statistical reconstruction"
2017	Dr. Anandaraman (Associate Research Professor, Analytical and Cellular Department of Ecology & Evolution, University of Chicago)	For the outstanding works on "Molecular evolution, life history, and functional evolution"

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to
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2024 Kimura Motoo Award (English) report.pdf
The Motoo Kimura Trust Foundation for the Promotion of Evolutionary Biology
Cumtomo Motoo Trust Bank, trustee

What's New

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Kimura Motoo Award Symposium, Ceremony, and Party

Newspaper: THE SHIZUOKA SHIMBUN, November 18, 2024

2024年11月27日(水)
静岡新聞DIGITAL Web
購読のご案内

静岡新着
地域
スポーツ
特集
全国
メニュー

世界レベルの研究に触れる 静岡県東部の高校生 都内の国際シンポジウム招待

2024.11.18

三島支局 岡田拓也

静岡県東部の高校生約70人がこのほど、都内で開かれた木村資生国際賞受賞国際シンポジウムに招待された。受賞研究の講演を英語で聞き、世界レベルの科学研究に触れた。



講演を聴く高校生＝都内

同賞は、進化学の発展を目的にスズキ（浜松市）が設立した公益信託「進化学振興木村資生基金」が授与。運営委員会の五條郷孝委員長が国際的な科学研究や英語に触れて進路選択の一助にしてほしいと考えて招待した。

沼津東、韮山、伊豆中央、桐陽など5校の生徒が参加。シカゴ大学名誉教授の李文雄博士の講演を聞き、三島北高2年の久保潤惺さんは「研究者を目指しているので、英語の大切さを改めて感じた」と気持ちを新たにした。

同基金は国立遺伝学研究所（三島市）名誉教授の故木村資生さんの世界的業績にちなんで設立。今年のシンポジウムは木村さん生誕100年や基金創立20周年の記念大会だった。

静岡のニュースが、メールで届く
登録無料
メールマガジンのご紹介

商用利用OKの著作権フリーBGM

利用点数無制限の使い放題。日本最大級のBGM・効果音サービス【オーディオストック】

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Audiostream

週間アクセスランキング

1. 「安さに驚いた」スーパー「ロピア」浜松に開店 1000人が列
2. 高額療養費上限引き上げ 厚労省 年内に具体案決定
3. 磐田市街地に体長約1・5mのイノシシ!? スーパー駐車場で見撃情報→捕獲試みるも失敗
4. 浜松国際ピアノコンクール 本選進出6人決定 日本人2人が最終審査の舞台へ
5. ロピア、数年内に静岡県内3～5店に 取替役が出店方針
6. 人気食品スーパー「ロピア」浜松に26日オープン
7. 優勝は鈴木さん 浜松国際ピアノコンクール 日本人初の頂点、小林さんも3位入賞
8. 高額療養費の上限7～16%増 現役の保険料負担軽減へ政府調整
9. 【動画】富士山を背に桜色、ふわり サクラエビ天日干し 静岡・蒲原
10. 静岡駅ビルで「ポケモンゲットだぜ」出張所が期間限定営業 ぬいぐるみやカード...1000種類 1月13日まで

SBSテレビチャンネル

YouTube



#浜松市
#三島市