

TANG PRIZE

2021 ——— 2022

BIENNIAL BOOK

唐獎雙年報

2021

2021.02.04-2022.10.23

「唐獎榮耀展」開幕—高雄科學工藝博物館

Tang Prize 10th Anniversary Exhibition opens at the National Science and Technology Museum in Kaohsiung

03.19

創辦人獲選國際工程院 (International Academy of Engineering, 簡稱IAE) 榮譽院長

Dr. Samuel Yin elected the first Honorary President of the International Academy of Engineering (IAE)

11.19

第三屆生醫獎得主東尼·杭特於台灣國際創新生物醫學峰會發表線上演說

Dr. Tony Hunter, 2018 Tang Prize laureate in Biopharmaceutical Science, delivers an online lecture at the 1st International Conference on Advanced Biomedical Sciences held in Taiwan

11.20

唐獎第四屆線上頒獎典禮

2020 Tang Prize Award Ceremony held online

唐獎第四屆線上得獎人演講

2020 Tang Prize Laureate's Lecture series held online

2022

06.18-21

第五屆唐獎得獎人公布記者會

06.18 永續發展獎

06.19 生技醫藥獎

06.20 漢學獎

06.21 法治獎

2022 Tang Prize Laureates Announcement

06.18 Sustainable Development

06.19 Biopharmaceutical Science

06.20 Sinology

06.21 Rule of Law

09.01-10.30

唐獎榮耀·十週年展覽—中正紀念堂

Tang Prize 10th Anniversary Exhibition on view in the National Chiang Kai-shek Memorial Hall

04.27

第三屆生醫獎得主東尼·杭特於實驗生物學國際組織大會發表線上唐獎講座演說

Dr. Tony Hunter, 2018 Tang Prize laureate in Biopharmaceutical Science, gives a Tang Prize Lecture online at EB 2021

07.23

唐獎第四屆生醫獎得主在BioAsia談論細胞激素研究及未來應用

2020 Tang Prize laureates in Biopharmaceutical Science talk about cytokine research and its future applications at 2021 Bio Asia-Taiwan

2021

11.26

第一屆生技醫藥獎得主本庶佑於第十四屆亞太國際藥理學會議發表線上演說

Professor Tasuku Honjo, 2014 Tang Prize laureate in Biopharmaceutical Science, delivers the Nobel Lecture online at 2021 APFP

11.27

第四屆生技醫藥獎得主於第十四屆亞太國際藥理學會議發表線上得獎人演說

2020 Tang Prize laureates in Biopharmaceutical Science deliver the Tang Prize Laureates' Lectures online at 2021 APFP

09.19

唐獎大師論壇法治場—台灣大學

2022 Tang Prize Masters' Forum for Rule of Law at National Taiwan University

09.20

唐獎大師論壇生醫場1—台北醫學大學

2022 Tang Prize Masters' Forum for Biopharmaceutical Science I at Taipei Medical University

09.21

唐獎大師論壇漢學場—台灣大學

2022 Tang Prize Masters' Forum for Sinology
at National Taiwan University

09.26

唐獎大師論壇永續場—成功大學

2022 Tang Prize Masters Forum for Sustainable
Development at National Cheng Kung University

2022

11.07

「勇往直前：唐獎第四屆得主的故事」電子
書上線

Launch of the e-book, *Brave All Adversities:
2020 Tang Prize Laureates*

11.11

創辦人尹衍樑總裁榮膺工研院院士

Dr. Samuel Yin elected Laureate of Taiwan's
Industrial Technology Research Institute (ITRT)

2023

08.01-04

唐獎週

Tang Prize Week

08.01

唐獎頒獎典禮

Award Ceremony

08.01

唐獎盛宴

Banquet

2022

09.28

唐獎大師論壇生醫場2—清華大學

Tang Prize Masters' Forum for Biopharmaceutical Science II at National Tsing Hua University

2022.11.05-2024.11.03

唐獎榮耀·十週年展覽開幕—高雄科學工藝博物館

Tang Prize 10th Anniversary Exhibition opens at the National Science and Technology Museum in Kaohsiung

12.10-12.25

慶唐獎十年獻五紀實影片

「60分鐘節目—唐獎十年 卓越永續」、「悲天憫人的永續舵手」、「mRNA疫苗的救世之路」、「為無聲之物發聲」、「亞太立憲的領航者」

Premiere of 5 documentaries to celebrate the 10th anniversary of the Tang Prize: “Excellence and Sustainability: Ten Years of the Tang Prize,” “Leading Sustainable Development with Compassion,” “Saving the World with mRNA Vaccines,” “Giving Voice to Mute Objects,” and “Advancing Constitution-Building in the Asia-Pacific”

08.02

唐獎得獎人演講

Laureates' Lectures

08.02

唐獎青年對談

Youth Symposium

08.03

唐獎台灣生技論壇

Tang Prize Taiwan Biotechnology Forum

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About the Tang

關於唐獎



Prize

關於唐獎
Philosophy

創辦人
Founder

四大獎項
Award Categories

唐獎得主
Laureates

Philosophy

關於唐獎

唐獎面對當前社會發展，以中華文化數千年的涵養，從新視野與新思維注入實際的行動與思考。有感於全球化的進步與發展，人類享受文明的豐厚果實與科技所帶來的便利之時，亦面臨氣候變遷、新傳染疾病、貧富差距、社會道德式微等考驗。

為鼓勵世人重新省思永續發展的中庸之道，尹衍樑博士於2012年12月成立唐獎，設置永續發展、生技醫藥、漢學及法治四大獎項，考究二十一世紀人類所需要的智慧，不分種族、國籍、性別及宗教，遴選出對世界具有創新實質貢獻及影響力的成就者，勉勵時代先驅者以其學說易天下，以天下為己任，共同為促進世界文明而努力。

唐獎發軔於東方思想的沃土，以其文化價值、精神與世界相互調和，並淬聚人類智慧與全球知識，期待成為二十一世紀永續發展的重要推手，為世界之美好貢獻力量，展現新時代的意義與價值。

With the advent of industrialization and globalization, humanity has been able to enjoy the convenience brought about by science and technology. Yet, a multitude of new challenges also emerged along the way, such as climate change, new infectious diseases, wealth gap and moral degradation.

Against this backdrop, Dr. Samuel Yin established the Tang Prize in December 2012 to encourage people across the globe to chart a middle path to sustainable development. By recognizing extraordinary achievements in the fields of sustainable development, biopharmaceutical science, Sinology, and the rule of law, the prize aims to gather the wisdom mankind needs to tackle the crises unique to the 21st century. Its laureates are selected on the basis of the originality of their work and its impact on society, irrespective of nationality, gender or religion.

Rooted in China's time-honored philosophical tradition and striving to be a point of convergence of different civilizations, the Tang Prize aims to provide fresh impetus to the pursuit of sustainable development in the 21st century, effect positive change to the global community, and usher in a new era of profound significance and important values.



Founder

創辦人

教育是尹衍樑博士家傳的祖訓與信念，尹博士的父親尹書田先生，總是無時無刻地提醒不要以企業或金錢數字計算人生的價值，教育才是傳世大業：「如果你有能力幫助別人念書，是好事一樁。」尹衍樑博士秉持父親興人興學的理念，一九八九年出資成立光華教育基金會，捐贈光華獎學金給三十多所學校，受到挹注的莘莘學子超過十六萬人。一九九四年，創立北京大學光華管理學院，另設置光華工程科技獎，並持續捐助中國大陸及台灣各大學及研究機構，設立基金，發展管理、醫學、工程、法律及人文等研究領域，不斷於世界各地作育英才。

尹衍樑博士以人生為課堂，以經驗為教材，並以此和千萬學生共勉，分享生命的價值與理念，希望有朝一日，他所幫助的青年學子也能承襲此生命態度，孜孜奮鬥，把成就回饋給更多的人。正因深知教育是帶動社會進步的齒輪，所以尹博士放眼全世界，成立唐獎，希望藉以激勵世界各地人才發揮所長，積極投入與分享人類未來永續發展研究與成果，致力於為世界社會帶來創新價值與改變，成為嶄新時代不斷進步的動力。

The Tang Prize is an extension of Dr. Samuel Yin's commitment to education, a legacy passed down in the Yin family. Shu-Tien Yin, Dr. Yin's father, often said that one's life should not be defined by one's wealth but by one's contributions to others, particularly if they can provide others with greater access to education.

Following his father's footsteps, Dr. Yin has helped nurture a lot of young talent. He established the Kwang-Hua Education Foundation in 1989, which has since provided grants and scholarships to over 160,000 recipients from more than 30 schools. In 1994, he founded the Guanghua School of Management at Peking University and in 1996, he set up the Guanghua Engineering & Technological Science Award. Over the years, he has continued to support universities and research institutes in Taiwan and Mainland China with funds, in an array of disciplines ranging from management, medicine, engineering, to law and the humanities.

Dr. Yin considers education to be the very fabric of life. He often shares his outlook and life experiences with students, in the hope that they too will one day give back to society by sharing their knowledge. Believing that education is the key to driving social progress, Dr. Yin established the Tang Prize to encourage people around the world to seek out fresh perspectives and ideas that will bring about a brighter future to humanity.

Award Categories

四大獎項

唐獎評選由基金會邀請中央研究院及各國院士、諾貝爾獎得主等頂尖專家學者，成立專業、公正、獨立的評選委員會，遴選出對世界具實質貢獻與影響力的唐獎得主。唐獎每兩年頒發乙次，除了獎章與證書，每一獎項頒發獎金新台幣5,000萬元，內含研究補助費新台幣1,000萬元，促進該獎項領域之研究發展，並培育下個世代的人才。每一獎項之得獎人或組織最多為三人。如有二位以上的得獎人或組織，獎金及研究補助費則共享之。

The Tang Prize Selection Committee is a professional, impartial and independent body. It consists of esteemed academicians and scholars of international standing, including several Nobel laureates, and is tasked with choosing as the prize winners people who have made substantive contributions to mankind. The Tang Prize is awarded biennially. Each laureate receives a medal, a diploma, and a cash prize of NT\$50 million (approx. US\$ 1.75 million), with NT\$10 million (approx. US\$ 0.35 million) of it designated as a grant that should be used to promote research and development in the four award fields. Should multiple candidates (up to three) be named in the same category, the cash reward and grant will be shared.

永續發展獎 Sustainable Development



唐獎所獎助之「永續發展」獎項，旨在表彰對人類永續發展所做的特殊而重大之貢獻，尤指經由科學與技術的創新與發展所締建之貢獻。

The Tang Prize in Sustainable Development recognizes those who have made extraordinary contributions to the sustainable development of human societies, especially through groundbreaking innovations in science and technology.

生技醫藥獎 Biopharmaceutical Science



唐獎所獎助之「生技醫藥」領域，表彰具原創性之生物醫學及藥物研發之科學研究，對於重要疾病之預防、診斷及治療有明確之影響，以生技醫藥解決人類疾病的問題，有助於人類健康之增進。

The Tang Prize in Biopharmaceutical Science recognizes original biopharmaceutical or biomedical research that has led to significant advances towards preventing, diagnosing and/or treating major human diseases to improve human health.

Sinology
漢學獎



唐獎所獎助之「漢學」，意指廣義之漢學，包括研究中國及其相關之學術，如思想、歷史、文字、語言、考古、哲學、宗教、經學、文學、藝術（不包含文學及藝術創作）等等領域。本獎旨在表彰漢學領域之成就，並彰顯中華文化對人類文明發展之貢獻。

The Tang Prize in Sinology recognizes the study of Sinology in its broadest sense, awarding research on China and its related fields, such as Chinese thought, history, philology, linguistics, archaeology, philosophy, religion, traditional canons, literature, and art (excluding literary and art works). Honoring innovations in the field of Sinology, the Prize showcases Chinese culture and its contributions to the development of human civilization.

Rule of Law
法治獎



基於人生而平等之信念，任何人（包括個人、國家及國際組織等）皆受法律之規範。唐獎提倡法律應兼顧正當程序與實體正義，為和平、人權、永續發展而奮鬥，以追求人類及自然之共同福祉為最高目標。唐獎所設置之法治獎，係獎助對法治理念或實踐有創新，進而對法治之實現貢獻卓著之個人或機構。

All individuals are born equal, and everyone, including states and international organizations, is accountable to the law. For the purpose of the Tang Prize, the Rule of Law encompasses due process and substantive justice, and champions peace, human rights, and sustainable development in order to serve the common good of humankind and nature. The Tang Prize in Rule of Law recognizes individual(s) or institution(s) who have made significant contributions to the rule of law, reflected not only in the achievement of the candidate(s) in terms of the advancement of legal theory or practice, but also in the realization of the rule of law in contemporary societies through the influences or inspiration of the work of the candidate(s).

2022 Tang Prize Laureates

唐獎第五屆得主



傑佛瑞·薩克斯(美國)
Jeffrey D. Sachs (USA)

永續發展獎

SUSTAINABLE DEVELOPMENT

唐獎第五屆永續發展獎頒發給曾任三屆聯合國秘書長之特別顧問，對於永續發展目標(SDGs)的制訂與倡導貢獻良多的國際知名經濟學家—傑佛瑞·薩克斯，以表彰他在跨領域永續科學議題上的主導角色，以及其所創可應用於鄉村、國家和全球的多邊行動。

The 2022 Tang Prize in Sustainable Development was awarded to Professor Jeffrey Sachs. A world renowned economist who once served as Special Advisor to three UN Secretaries-General, Professor Sachs was recognized “for leading transdisciplinary sustainability science and creating the multilateral movement for its applications from village to nation and to the world.”



潔西卡·羅森(英國)
Jessica Rawson (UK)

漢學獎

SINOLOGY

唐獎第五屆漢學獎得主，由曾任大英博物館東方文物部主任、牛津大學副校長，現為牛津大學中國藝術與考古教授的潔西卡·羅森獲得，表彰其精研中國藝術文物之成就。羅森視野宏闊，見解精準，為無聲之物發聲，再現人之所未見。

Currently Professor of Chinese Art and Archaeology at Oxford University, Professor Dame Jessica Rawson was Keeper of the Department of Oriental Antiquities at the British Museum and Pro-Vice-Chancellor of the Oxford University. The Selection Committee praised her “for her gift and mastery of the craft of the visible to read the art and artifacts of Chinese civilization. By giving voice to the ancient world of objects, she has taught generations how to see when they look at things, and her acuity and vast visual learning have given new insight into the world of the lineages, transformations, and migrations of mute things.”



卡塔林·卡里科 (匈牙利/美國)
Katalin Karikó
(Hungary/USA)



德魯·魏斯曼 (美國)
Drew Weissman (USA)



彼得·庫利斯 (加拿大)
Pieter Cullis (Canada)



雪柔·頌德絲 (澳洲)
Cheryl Saunders (Australia)

生技醫藥獎

BIOPHARMACEUTICAL SCIENCE

唐獎第五屆生技醫藥獎授予成功開發新型冠狀病毒 (SARS-COV-2) mRNA疫苗
的三位關鍵科學家：卡塔林·卡里科、德魯·魏斯曼和彼得·庫利斯，以表彰他們發
現關鍵的疫苗學觀念和方法，進而成功開發對抗新冠肺炎 (COVID-19) 之 mRNA 疫
苗。

10月2日揭曉的2023諾貝爾醫學獎得主，由唐獎本屆「生技醫藥獎」得主卡塔林·卡
里科 (Katalin Kariko)、德魯·魏斯曼 (Drew Weissman) 共同獲得，表彰他們對核甘
鹼基修飾的發現，促成開發有效的 COVID-19 mRNA 疫苗。這是唐獎繼首屆2014年
生技醫藥獎得主詹姆斯·艾利森 (James P. Allison) 和本庶 佑 (Tasuku Honjo) 於
2018年共同榮獲諾貝爾醫學獎，2016年唐獎生技醫藥獎得主伊曼紐·夏彭提耶
(Emmanuelle Charpentier) 和珍妮佛·道納 (Jennifer A. Doudna) 以基因編輯技術
貢獻榮獲2020年諾貝爾化學獎後，唐獎得主第三度獲得諾貝爾獎殊榮。

As the scientists who played a key role in our combat against the SARS-CoV-2
pandemic, Drs. Katalin Kariko, Drew Weissman, and Pieter Cullis were named
the recipients of the 2022 Tang Prize in Biopharmaceutical Science “for the
discovery of key vaccinology concepts and approaches, leading to successful
development of COVID-19 vaccine.”

It was announced on October 2 that the 2023 Nobel Prize in Physiology or
Medicine has been awarded to 2022 Tang Prize laureates Dr. Katalin Kariko
and Dr. Drew Weissman “for their discoveries concerning nucleoside based
modifications that enabled the development of effective mRNA vaccines
against COVID-19.” It marked the third time that Tang Prize recipients
were named Nobel laureates, a history made in 2018 when 2014 Tang Prize
recipients Dr. James P. Allison and Dr. Tasuku Honjo won the Nobel Prize in
Medicine, then repeated in 2020 when the Nobel Prize in Chemistry went to
2016 Tang Prize winners Dr. Emmanuelle Charpentier and Dr. Jennifer A.
Doudna.

法治獎

RULE OF LAW

唐獎第五屆「法治獎」授予來自澳洲的雪柔·頌德絲，以表彰她在比較憲法的開創
性貢獻，特別是推動亞太地區的立憲工程。在極為嚴峻的環境中，頌德絲教授以
其深厚的學養，引領亞太地區許多國家的立憲方針並提供建言，且數十年來，經
由與國內外學者及政治工作者的積極交流、對話、合作，不斷拓展比較憲法的疆
界。

As the 2022 laureate in Rule of Law, Professor Cheryl Saunders,
was lauded “for her pioneering
contributions to comparative
constitutional law, and in particular
her work on constitution-building in
the Asia-Pacific region, by applying
her scholarship to inspire and advise
constitution-making exercises, often
under challenging circumstances,
and by consistently broadening
the boundaries of comparative
constitutional law scholarship
through active engagement,
dialogue and collaboration with
scholars and political actors
at home and abroad.”

2020 Tang Prize Laureates

唐獎第四屆得主



珍古德 (英國)
Jane Goodall (UK)

永續發展獎

SUSTAINABLE DEVELOPMENT

唐獎第四屆永續發展獎，由英國「以行動點燃希望的保育先驅」珍古德博士獲得，表彰她在靈長類動物研究的開創性發現，足以重新定義人類與動物的關係，以及她終身在地球環境保育工作上無與倫比的奉獻。

Dame Jane Goodall, the pioneer conservationist who inspires hope through actions, was awarded the 2022 Tang Prize in Sustainable Development “for her ground-breaking discovery in primatology that redefines human-animal relationship and for her lifelong unparalleled dedication to the conservation of Earth environment.”



王賡武 (澳洲)
Wang Gungwu (Australia)

漢學獎

SINOLOGY

唐獎第四屆漢學獎得主，由著名史學家王賡武教授獲得，以表彰其在中國的世界秩序、海外華人以及華人移民變遷等領域上具開拓性且深入的剖析。身為中國—東南亞關係的專家，王賡武教授透過細究中國歷史上與南方鄰國的複雜關係，以此獨特的視角理解中國。相較於傳統上從中國內在觀點或由西方相對視角來觀看中國，在王賡武教授豐富的學識與敏銳的洞察力之下，對華人的世界地位的詮釋有新穎重要的貢獻。

Esteemed historian Professor Wang Gungwu was named the recipient of the 2020 Tang Prize in Sinology, “for his ground-breaking research on the Chinese world order, Chinese overseas, and Chinese migratory experience. As the leading expert on Sino-Southeast Asian relations, he develops a unique approach to understanding China by scrutinizing its long and complex relation with its southern neighbors. His erudition and insight have significantly enriched the explanation of the Chinese people’s changing place in the world, traditionally developed from an internalist perspective or in relation to the West.”



查爾斯·迪納雷羅 (美國)
Charles Dinarello (USA)



馬克·費爾德曼 (英國/澳洲)
Marc Feldmann (UK/Australia)



岸本忠三 (日本)
Tadamitsu Kishimoto (Japan)

生技醫藥獎

BIOPHARMACEUTICAL SCIENCE

唐獎第四屆生技醫藥獎得主，由查爾斯·迪納雷羅、馬克·費爾德曼及岸本忠三等三位教授共同獲得，表彰其促成細胞激素成為生物製劑之作用標的，用以治療發炎性疾病。

The 2020 Tang Prize in Biopharmaceutical Science was jointly awarded to Drs. Charles Dinarello, Marc Feldmann and Tadamitsu Kishimoto “for the development of cytokine-targeting biological therapies for the treatment of inflammatory diseases.”



孟加拉環境法律人協會 (孟加拉)
Bangladesh Environmental
Lawyers Association (Bangladesh)



實現正義：法律正義暨社會中心 (哥倫比亞)
Dejusticia: The Center for Law,
Justice and Society (Colombia)



法律實踐進程組織 (黎巴嫩)
The Legal Agenda
(Lebanon)

法治獎

RULE OF LAW

唐獎第四屆法治獎，由設立於孟加拉的孟加拉環境法律人協會、設立於哥倫比亞的實現正義：法律、正義暨社會中心，以及設立於黎巴嫩的法律實踐進程組織共同獲得，以表彰其致力公眾教育及公共倡議，有效推動法治進程，改善法治機制；其等機構同擅於取法堅實的學理研究，靈活運用富有創意的司法策略，在法治基礎遭受嚴峻挑戰的環境，為爭取個人、社會與環境正義，堅持不懈，立下典範。

The 2020 Tang Prize in Rule of Law was awarded to the Bangladesh Environmental Lawyers Association, based in Bangladesh, Dejusticia: The Center for Law, Justice, and Society, based in Colombia, and The Legal Agenda, based in Lebanon, “for their efforts in furthering the rule of law and its institutions through education and advocacy. Utilizing innovative strategic litigation, informed by rigorous scholarship, these organizations have shown exemplary perseverance in promoting greater individual, social and environmental justice, in milieus where the foundations of the rule of law are under severe challenge.”

2018

Tang Prize Laureates

唐獎第三屆得主



詹姆士·漢森(美國)
James E. Hansen (USA)



維拉布哈德蘭·拉馬納森(美國)
Veerabhadran Ramanathan(USA)



宇文所安(美國)
Stephen Owen (USA)



斯波義信(日本)
Yoshinobu Shiba (Japan)

永續發展獎

SUSTAINABLE DEVELOPMENT

唐獎第三屆永續發展獎得主，由詹姆士·漢森及維拉布哈德蘭·拉馬納森共同獲得，表彰他們在氣候變遷及地球環境永續性衝擊議題上，開創性的傑出研究。他們的研究成果所引導出的科學論述，為之後國際間相關氣候協定及2030永續發展議程之提出，奠定了重要的基礎。

The 2018 Tang Prize in Sustainable Development was awarded to Dr. James E. Hansen and Professor Veerabhadran Ramanathan, recognizing their pioneering work on climate change and its impact on the sustainability of the earth. Their works laid the scientific foundation for international actions such as the Paris Climate Agreement and the 2030 Agenda for Sustainable Development.

漢學獎

SINOLOGY

唐獎第三屆漢學獎得主，由美國哈佛大學東亞系與比較文學系宇文所安，以及日本東洋文庫文庫長斯波義信兩位教授共獲殊榮。宇文所安先生是當代中國古典文學最重要的學者，以唐詩研究獨步全球，其他領域亦貢獻卓著，並為古典詩文的翻譯大家。他的著作不僅為漢學開創新局，更為東西比較文學理論及實踐帶來突破。斯波義信教授乃國際著名的中國社會經濟史學家。他匯通日本優良的漢學傳統和西方社會科學，並嫻熟運用各種中文資料；集此三項優點於一，遂在中國史領域（尤其宋代），取得突破性的成果，成為典範性的學者。

The 2018 Tang Prize in Sinology was jointly awarded to Professor Stephen Owen and Professor Yoshinobu Shiba. Professor Owen has been the single most important scholar of Chinese classical poetry in the late twentieth and early twenty-first centuries. A leading scholar on Tang poetry, he has also written widely in other literary fields, and has translated important writings in both prose and poetry. To this work, he brings not only penetrating Sinology, but also a breadth of comparative applications and theoretical sophistication that have made his scholarship unique worldwide. Professor Shiba has been the leading authority on Chinese social-economic history. He innovatively synthesizes the strengths of the Japanese Sinological tradition with that of the Western social sciences, while skillfully making use of a variety of Chinese primary sources, adeptly merging the distinctive fortes of these three academic traditions. His breakthrough insights in the study of Chinese history, particularly in Song studies, make him a foremost exemplar to emulate.



東尼·杭特(英國/美國)
Tony Hunter (UK/USA)



布萊恩·德魯克爾(美國)
Brian J. Druker(USA)



約翰·曼德森(美國)
John Mendelsohn(USA)



約瑟夫·拉茲(英國)
Joseph Raz (UK)

生技醫藥獎

BIOPHARMACEUTICAL SCIENCE

唐獎第三屆生技醫藥獎由東尼·杭特、布萊恩·德魯克爾、約翰·曼德森，三位知名學者共同獲得，表彰他們發現蛋白質酪氨酸之磷酸化，並發現酪氨酸激酶為致癌基因，透過釐清癌細胞訊息傳遞機制，阻斷其訊息傳遞路徑，促成標靶治療在臨床上的成功應用。

The 2018 Tang Prize in Biopharmaceutical Science was jointly awarded to Drs. Tony Hunter, Brian J. Druker and John Mendelsohn "for the discovery of protein tyrosine phosphorylation and tyrosine kinases as oncogenes, eventually leading to the successful development of targeted cancer therapies." Their work represents one of the most impactful discoveries in cancer research, which revolutionized our understanding of the oncogenic process and forever changed our outlook for cancer treatment.

法治獎

RULE OF LAW

唐獎第三屆法治獎得主，由國際知名法律哲學家、美國哥倫比亞大學法理學湯瑪士M.麥塞歐西講座教授約瑟夫·拉茲獲得，表彰他專精於法律、道德及政治哲學，嚴謹釐定各種思考的路徑，使世人看見法律的真貌，重新省思法律的意義與價值，進而能反思法與法律制度的本質，在學術研究上的貢獻影響深遠。

The 2018 Tang Prize in Rule of Law was awarded to Professor Joseph Raz, one of the foremost legal philosophers of our time, "for his path-breaking contributions to the rule of law, and for deepening our understanding of the very nature of law, legal reasoning, and the relationship between law, morality and freedom".

2016

Tang Prize Laureates

唐獎第二屆得主



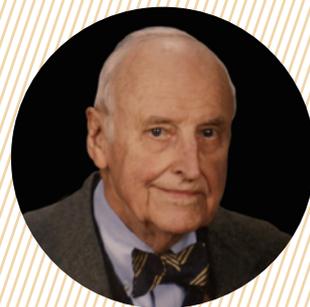
亞瑟·羅森費爾德(美國)
Arthur H. Rosenfeld (USA)

永續發展獎

SUSTAINABLE DEVELOPMENT

唐獎第二屆永續發展獎由亞瑟·羅森費爾德獲得，表彰畢生從事於能源使用效率之開拓型創新，使得全球能源消耗及溫室氣體排放巨幅地減少，被尊稱為「能源效率教父」。他所創立的「建築科學中心」，啟動一系列的重要科技研發，並極力推動新型能源政策革新，大幅增強電力的使用效率，科學家甚至以「羅森費爾德」為測量節省能源的新單位。

The 2016 Tang Prize in Sustainable Development was awarded to Dr. Arthur H. Rosenfeld "for his lifelong and pioneering innovations in energy efficiency resulting in immense reductions in energy consumption and greenhouse gas emissions around the world". His contributions to energy efficiency have earned him a moniker of great prestige, "The Godfather of Energy Efficiency." He founded the Center for Building Science at Lawrence Berkeley National Laboratory, which launched a series of important scientific and technological initiatives, vigorously promoting new energy policies and substantially increasing energy efficiency. Scientists have even adopted the term "Rosenfeld" as a new energy-saving measurement unit.



狄培理(美國)
William Theodore de Bary(USA)

漢學獎

SINOLOGY

唐獎第二屆漢學獎頒發給美國哥倫比亞大學榮退教授狄培理，表彰他為儒家思想的研究所作的貢獻。狄培理教授近七十年的學術生涯中，編寫過將近三十冊書，其中有許多部具有突破性的貢獻與影響。對儒家思想每有同情的理解與闡揚，也不乏誠懇的批評，功在國際儒學的研究，可謂一代漢學巨擘。

The 2016 Tang Prize in Sinology was awarded to Professor William Theodore de Bary, Professor Emeritus of Columbia University, "for his pioneering contributions in Confucian studies. In his remarkable academic career spanning over seven decades, he has written and edited over 30 books with many of them making ground-breaking contributions that provide both enlightening insight and honest critique into Confucianism. Recognized for establishing the field of Neo-Confucianism in the West, Professor de Bary is indeed a leading authority in the field of Sinology".



伊曼紐·夏彭提耶(法國)
Emmanuelle Charpentier
(France)



珍妮佛·道納(美國)
Jennifer A. Doudna(USA)



張鋒(美國)
Feng Zhang (USA)



路易絲·阿爾布爾(加拿大)
Louise Arbour (Canada)

生技醫藥獎

BIOPHARMACEUTICAL SCIENCE

兩位女性得主榮獲2020年諾貝爾化學獎

Dr. Charpentier and Dr. Doudna were awarded the Nobel Prize in Chemistry in 2020.

唐獎第二屆生技醫藥獎由伊曼紐·夏彭提耶、珍妮佛·道納、張鋒共同獲得，表彰三位學者在CRISPR/Cas9基因編輯技術上的貢獻，大幅改革生醫研究與疾病治療的策略，有效提升過去基因體編輯的精準度、敏銳度及效率。透過基因編輯平台程式化、普及化及量化，全球上百至上千實驗室皆利用此平台進行人類及各種生物細胞的遺傳工程，是基因體研究史上最偉大的科技發展之一。

The 2016 Tang Prize in Biopharmaceutical Science was jointly awarded to Drs. Emmanuelle Charpentier, Jennifer A. Doudna and Feng Zhang "for the development of CRISPR/Cas9 as a breakthrough genome editing platform that promises to revolutionize biomedical research and disease treatment". The work of these three outstanding scientists has revolutionized the genome-editing platform, improving it by leaps and bounds in terms of accuracy, sensitivity, and efficiency while also making it programmable, accessible, and scalable. Hundreds and perhaps thousands of labs worldwide have utilized this platform to engineer a variety of cells, including human cells. Their contribution is one of the greatest technological developments in the history of genome research.

法治獎

RULE OF LAW

唐獎第二屆法治獎由國際法學家路易絲·阿爾布爾獲得，表彰她對國際刑事司法與保障人權，影響深遠且具開創性的貢獻；也表彰她在致力提昇其本國與國際之和平、正義與安全，以及堅持以法治之手段，為人類拓展自由的疆界，所展現具有啟發性之傑出表現。

The 2016 Tang Prize in Rule of Law was awarded to Drs. Louise Arbour "for her enduring contributions to international criminal justice and the protection of human rights, to promoting peace, justice and security at home and abroad, and to working within the law to expand the frontiers of freedom for all".

2014

Tang Prize Laureates

唐獎第一屆得主



格羅·哈萊姆·布倫特蘭(挪威)
Gro Harlem Brundtland (Norway)

永續發展獎

SUSTAINABLE DEVELOPMENT

唐獎第一屆永續發展獎由格羅·哈萊姆·布倫特蘭獲得，表彰其對永續發展的創新理念、領導與實踐所做的貢獻，奠定了科學與技術的方向與挑戰，使經濟發展、環境保護與社會公義之間取得平衡，以謀求全人類的福祉。她是一位卓越的全球領袖，將永續發展的理念具體落實為行動方案，促成多項國際重要協議，為人尊稱為「永續發展的教母」。

The 2014 Tang Prize in Sustainable Development was awarded to Drs. Gro Harlem Brundtland "for her innovation, leadership and implementation of sustainable development that laid out the scientific and technical challenges for the global community to achieve a better balance of economic development, environmental integrity, and social equality for the benefit of all humanity". As a remarkable leader in the international arena, she put the ideas for sustainable development into action, and facilitated the signing of important international agreements, thus earning her the epithet "The Godmother of Sustainable Development."



余英時(美國)
Yu Ying-Shih (USA)

漢學獎

SINOLOGY

唐獎第一屆漢學獎頒發給余英時教授，表彰其在超過半個世紀的學術生涯中，余教授深入探究中國歷史、思想、政治與文化，以現代知識人的身份從事中國思想傳統的詮釋工作，闡發中國文化的現代意義，論述宏闊、見解深刻，學界久尊為海內外治中國思想、文化史之泰斗。「究天人之際，通古今之變」為傳統學者治史之宗旨，余教授以其研究撰述與人生實踐，對此語做了最佳的現代詮釋。

The 2014 Tang Prize in Sinology was awarded to Professor Yu Ying-Shih "for his mastery of and insight into Chinese intellectual, political, and cultural history with an emphasis on his profound research into the history of public intellectuals in China". He has reinterpreted the tradition of thought in China and revived the importance of intellectual history by shedding new light on the value, richness, and current significance of Chinese culture. His lifetime of research not only exemplifies all the qualities of the public intellectuals in his studies but also embodies the traditional philosophy of historians in China.



詹姆斯·艾利森(美國)
James P. Allison (USA)



本庶 佑(日本)
Tasuku Honjo (Japan)



奧比·薩克思(南非)
Albie Sachs (South Africa)

生技醫藥獎

BIOPHARMACEUTICAL SCIENCE

榮獲2018年諾貝爾生理及醫學獎

Dr. Allison and Prof. Honjo were awarded the Nobel Prize in Physiology or Medicine in 2018.

唐獎第一屆生技醫藥獎由詹姆斯·艾利森與本庶 佑共同獲得，表彰其分別發現CTLA-4與PD-1為免疫抑制因子，為癌症療法帶來重大性突破，促使大家在免疫治療法上尋求新的契機。他們的原創性研究對於重要疾病之預防、診斷及治療有明確的影響，有助於人類健康之增進，帶領我們進入醫藥新紀元。

The 2014 Tang Prize in Biopharmaceutical Science was jointly awarded to Dr. James P. Allison and Professor Tasuku Honjo "for the discoveries of CTLA-4 and PD-1 as immune inhibitory molecules that led to their applications in cancer immunotherapy". Their trailblazing research pioneered the revolutionary immune checkpoint blockade for cancer therapy, at the same time contributing greatly to our understanding of fundamental immunology.

法治獎

RULE OF LAW

唐獎第一屆法治獎頒發給前南非憲法法院大法官奧比·薩克思，表彰其主張所有人的尊嚴皆應予以尊重，不同社群的能力與價值皆應予以肯認，充分體現法治的重要價值。特別是其畢生致力為民主自由的南非帶來法治，無論作為政治運動工作者、律師、學者乃至於南非新憲法的起草者，在在都努力經由法治的實踐來癒合過去撕裂社會所帶來的創痛，以建立一個尊重多元、擁抱民主價值、社會正義與基本人權的社會。

The 2014 Tang Prize in Rule of Law was awarded to Dr. Albie Sachs "for his many contributions to human rights and justice globally through an understanding of the rule of law in which the dignity of all persons is respected and the strengths and values of all communities are embraced. He is recognized in particular for his efforts in the realization of the rule of law in a free and democratic South Africa, working as an activist, lawyer, scholar, and framer of a new Constitution to heal the divisions of the past and to establish a society that respects diversity and is based on democratic values, social justice and fundamental human rights".

2022

Tang Prize

第五屆唐獎週



Week

唐獎第五屆得獎人公布記者會
Announcement of 2022
Tang Prize Laureates

唐獎頒獎典禮
Award Ceremony

唐獎盛宴
Tang Prize Banquet

唐獎得獎人演講
Laureates' Lectures

唐獎青年對談(卡塔林·卡里科於北一女)
Youth Symposium
(Katalin Kariko at Taipei First Girls' High School)

唐獎台灣生醫論壇
Tang Prize Taiwan
Biotechnology Forum

慈濟全球共善學思會 &
全球永續焦點論壇

Tzu Chi Global Symposium for Common Goodness &
Global Sustainability Focal Forum

唐獎大師論壇
Masters' Forums

唐獎榮耀·十周年展
Tang Prize 10th Anniversary Exhibition

唐獎週活動宣傳
(捷運燈箱、台鐵廣告、十週年紀念影片)
Tang Prize Week Promotion
(Ads at MRT and Taiwan Railway Stations,
and Tang Prize 10th Anniversary Documentary)

TANG PRIZE

2022 Tang Prize Laureate Announcement in Biopharmaceutical Science 生技醫藥 唐獎 五屆得獎人公布記者會



2022 Tang Prize Week

第五屆唐獎週

唐獎第五屆得獎人公布記者會

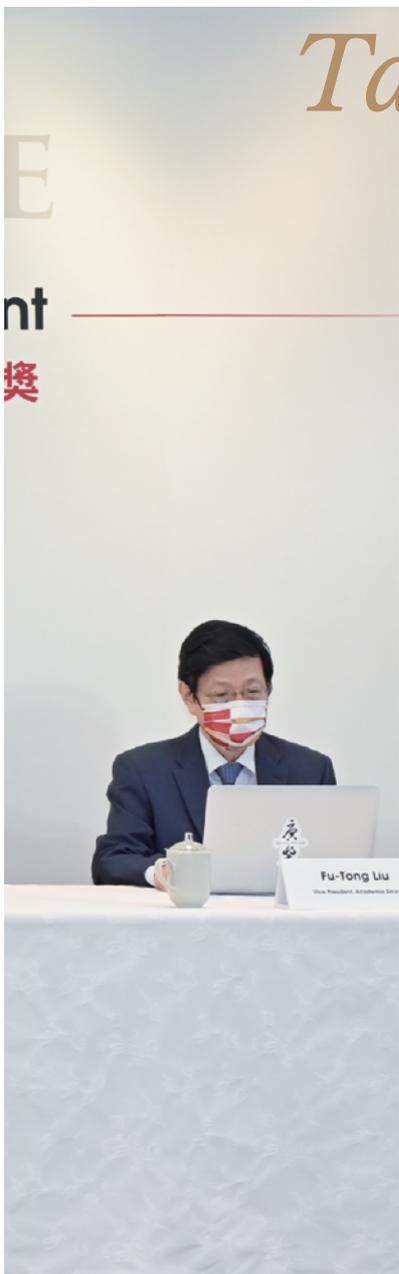
Announcement of 2022 Tang Prize Laureates

2022年6月18日至21日連續四天，唐獎透過實體記者會與網路直播，逐日公布第五屆永續發展、生技醫藥、漢學、法治獎得主，包括制訂倡導SDGs之經濟學家傑佛瑞·薩克斯、開發mRNA疫苗之三科學家(卡塔林·卡里科、德魯·魏斯曼和彼得·庫利斯)、精研中國文物之藝術與考古學者潔西卡·羅森以及推動亞太立憲之比較憲法學者雪柔·頌德絲。

值近年疫情肆虐、生產供應鏈失調，加上因區域衝突而加劇之糧食與能源危機、全球通膨之際，六位唐獎得主奠基於提升人類文明福祉的無私情懷及其傑出貢獻與卓越洞見，均能為動盪世局帶來新的契機、帶領人類走出困境。

From June 18 to 21, 2022, over a four-day period, the Tang Prize Foundation announced its 2022 laureates in Sustainable Development, Biopharmaceutical Science, Sinology, and Rule of Law, through physical press conferences and live webcasts. The six laureates are: distinguished economist Professor Jeffrey Sachs, lauded by many for helping formulate and advocate the Sustainable Development Goals (SDGs); Drs. Katalin Kariko, Drew Weissman, and Pieter Cullis, widely credited with the successful development of mRNA COVID-19 vaccine; Professor Jessica Rawson, considered by many as one of the best scholars of Chinese art and archaeology today; and Professor Cheryl Saunders, highly regarded for her contributions especially to the constitution-building in the Asia-Pacific region.

Recent years have been marked by a series of crises, including a global pandemic, the production and supply-chain disruptions that ensued, food shortages and energy crunches exacerbated by regional conflicts, and rising inflation worldwide. At this critical juncture, it is especially encouraging to see how the selfless dedication, outstanding achievements, and remarkable insight of the laureates have not only enhanced wellbeing and advanced civilization for all but can also bring new opportunities to this turbulent world and lead humanity out of these difficulties.



Announcement of 2022 Tang Prize Laureates

唐獎第五屆得獎人公布記者會



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- 1 2022 唐獎永續發展獎得獎人公布記者會
Announcement of 2022 Tang Prize Laureate in Sustainable Development
- 2 2022唐獎永續發展獎得主傑佛瑞·薩克斯
Jeffrey Sachs, 2022 Tang Prize laureate in Sustainable Development
- 3 唐獎評選委員會總召集人錢煦院士於唐獎永續發展獎得獎人公布記者會致詞
President of Tang Prize Selection Committee Shu Chien speaks at the announcement of 2022 Tang Prize Laureate in Sustainable Development

- 4-5 2022唐獎生技醫藥獎得獎人公布記者會
Announcement of 2022 Tang Prize Laureates in Biopharmaceutical ScienceDevelopment



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6-7 2022唐獎漢學獎得獎人公布記者會
Announcement of 2022 Tang Prize Laureate in Sinology

8 2022唐獎漢學獎得主潔西卡·羅森
Jessica Rawson, 2022 Tang Prize laureate in Sinology

9/11 2022唐獎法治獎得獎人公布記者會
Announcement of 2022 Tang Prize Laureate in Rule of Law

10 2022唐獎法治獎得主雪柔·頌德絲
Cheryl Saunders, 2022Tang Prize laureate in Rule of Law

唐獎頒獎典禮

Award Ceremony

第五屆唐獎頒獎典禮2023年8月1日在台北福華國際文教會館隆重舉辦，這是睽違五年再度舉辦的實體頒獎典禮，邀請六位唐獎得主來台領獎，由創辦人夫人暨唐獎董事王綺帆女士代表出席，歡迎他們的到來。也透過直播與全球分享唐獎得主對世界的卓越貢獻、認識這個來自台灣的世界大獎。

典禮在「唐獎序曲」樂聲中揭開序幕，基金會陳振川執行長代表創辦人尹衍樑博士致詞時提到唐獎2022年迎接十週年里程碑，他引用「管子·權修」的「十年樹木，百年樹人」，邀請全球有志之士與唐獎攜手培育頂尖人才，共創更美好的未來。唐獎評選委員會總召集人錢煦院士也透過視訊，對六位唐獎得主表達最熱誠的祝賀。

緊接著四獎項召集人劉兆漢院士、張文昌院士、王德威院士及前召集人葉俊榮講座教授依序介紹得主及頒發獎章與證書，現場600多位國際貴賓及產官學界代表共同見證這個榮耀時刻。中場還安排高雄達瑪呼合唱團的小朋友獻唱台灣原住民各族的傳統歌謠，清亮高亢的歌聲感動在場所有人。

After a five-year interval, the 5th Tang Prize Award Ceremony was able to take place on-site again on August 1 at the Howard Civil Service International House in Taipei, with all six 2022 laureates present at the venue to receive the prize in person. Wife of the Tang Prize founder Dr. Samuel Yin and Tang Prize board member Leda Y.F. Wong also attended to give laureates her warmest welcome. In addition, the ceremony was livestreamed for global audiences to celebrate the laureates' significant contributions in real time and to know more about this international prize originating from Taiwan.

The ceremony opened with the Tang Prize prelude. CEO of the Tang Prize Foundation Dr. Jenn-Chuan Chern then delivered opening remarks on behalf of Dr. Yin. Mentioning that the Tang Prize reached its 10th anniversary milestone in 2022, Dr. Chen quoted a well-known Chinese saying, "It takes a decade to grow a tree but it takes a century to nurture a generation of young talent," to encourage people with dedication and determination to work with the Tang Prize to continue nurturing talent in the next one hundred years so as to create a better future for all. President of the Tang Prize Selection Committee Dr. Shu Chien also spoke via video link to offer his sincerest congratulations.

Six laureates were introduced and presented with the prize in sequence by incumbent chairs of three Tang Prize Selection Committees, Dr. Chao-Han Liu for Sustainable Development, Dr. Wen-Chang Chang for Biopharmaceutical Science and Dr. David Der-wei Wang for Sinology, and by former chair for Rule of Law Dr. Jiunn-Rong Yeh. Over six hundred distinguished guests and representatives from Taiwan and abroad, across academic communities, government agencies and industrial sectors, gathered to witness this historic moment. There was also a special performance by the Jian-Shan Primary School Choir, featuring indigenous students singing folk songs from various tribal groups of Taiwan. Their melodious voices deeply touched the hearts of everyone in the room.



2022 Tang Prize Laureates Award Ceremony
唐獎第五屆頒獎典禮



2022 Tang Prize Week

第五屆唐獎週

Award Ceremony

唐獎頒獎典禮



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- 1 中場邀請高雄達瑪呼合唱團獻唱台灣原住民的傳統歌謠
Half-time performance by Jian-Shan Primary School Choir
- 2 永續發展獎得主傑佛瑞·薩克斯受獎，右為召集人劉兆漢院士
Sustainable Development laureate Jeffrey Sachs receives Tang Prize from Chair of Tang Prize Selection Committee Chao-Han Liu (right)

- 3 生技醫藥獎得主卡塔林·卡里科受獎，右為召集人張文昌院士
Biopharmaceutical Science laureate Katalin Kariko receives Tang Prize from Chair of Tang Prize Selection Committee Wen-Chang Chang (right)



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- 4 生技醫藥獎得主德魯·魏斯曼受獎
Biopharmaceutical Science laureate Drew Weissman receives Tang Prize
- 5 生技醫藥獎得主彼得·庫利斯受獎
Biopharmaceutical Science laureate Pieter Cullis receives Tang Prize
- 6 漢學獎得主潔西卡·羅森受獎,右為召集人王德威院士
Sinology laureate Jessica Rawson receives Tang Prize from Chair of Tang Prize Selection Committee David Der-wei Wang (right)

- 7 法治獎得主雪柔·頌德絲受獎,右為前召集人葉俊榮講座教授
Rule of Law laureate Cheryl Saunders receives Tang Prize from former Chair of Tang Prize Selection Committee Jiunn-Rong Yeh (right)
- 8 唐獎教育基金會陳振川執行長代表尹衍樑創辦人致詞
CEO of Tang Prize Foundation Jenn-Chuan Chern makes remarks on behalf of Tang Prize founder Samuel Yin
- 9 2022唐獎生技醫藥獎得主
2022 Tang Prize laureates in Biopharmaceutical Science



2022 Tang Prize Week

第五屆唐獎週

唐獎盛宴

Tang Prize Banquet



唐獎頒獎典禮當晚於美福大飯店舉辦唐獎盛宴，再度邀請中華美食交流協會前理事長，國寶級的名廚郭宏徹先生擔任指導顧問，以「漢學」主題結合唐朝的飲食文化，推出「唐食開獎」九道料理，從展現唐朝舞蹈藝術的「拋繡球」、唐朝皇帝款待貴客的羊肉料理「天可汗」到以新鮮食材慢火燉煮8小時以上的「黃燜湯」等，道道都是主廚令人驚豔的巧手傑作。

為款待遠道而來的唐獎得主、賓客們，也特別邀請常在臺灣與歐洲演出的著名笙演奏家李俐錦小姐演出由中國笙演奏家閻海登先生在1960年創作的名曲《晉調》，中場還安排京劇傳統武戲《三岔口》，展現中國傳統音樂與戲曲之美。

The Tang Prize Banquet was held at Taipei's Grand Mayfull Hotel after the award ceremony. Renowned chef and Honorary Chairman of the Chinese Gourmet Association Guo Hong-Che was invited to serve as the culinary consultant again. The design of the menu sought to combine the spirit of the Tang Prize in Sinology and the culinary legacy of the Tang Dynasty. Featuring in total nine courses and centering on the theme, "A Culinary Constellation of the Tang Culture," the banquet showcased the chefs' consummate skills with dishes such as "pan-fried prawns with potherb mustard greens," "sautéed lamb tenderloin served with Chinese gnocchi," and "seafood stewed in chicken broth," which took eight hours to prepare.

The evening's program also included performance by Mrs. Li-chin Li, an acclaimed Taiwanese sheng player who has been performing in Taiwan and the Europe frequently during recently years. Besides playing the classic sheng piece "Jin Diao," composed by another eminent shen player Yan Haideng in 1960, Mrs. Li also collaborated with other artists to stage one of the most iconic scenes in Peking Opera, "San Cha Kou" (Crossroads). The artistic beauty of traditional Chinese music and theatre their performances demonstrated enchanted the laureates and all the guests of the evening.

Tang Prize Banquet

唐獎盛宴



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2 中場邀請臺灣笙獨奏家李俐錦帶來笙經典名曲《晉調》
Half-time performance, “Jin Diao,” by shen player Li-chin Li

3 唐獎董事曾志朗院士代表致詞
Tang Prize board member Ovid Tzeng makes remarks

5 中場演出京劇傳統武戲折子戲《三岔口》
Half-time performance, Peking Opera “Sha Cha Kou” (Crossroads)



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6 2022唐獎永續發展獎得主傑佛瑞·薩克斯
Jeffrey Sachs, 2022 Tang Prize laureate in Sustainable Development

7 2022唐獎生技醫藥獎得主卡塔林·卡里科
Katalin Kariko, 2022 Tang Prize laureate in Biopharmaceutical Science

8 2022唐獎漢學獎得主潔西卡·羅森
Jessica Rawson, 2022 Tang Prize laureate in Sinology

9 2022唐獎法治獎得主雪柔·頌德絲
Cheryl Saunders, 2022 Tang Prize laureate in Rule of Law

10 唐獎盛宴菜餚「靚豐宴」(左)-羊肉料理「天可汗」(右)
Banquet dishes: "An Assortment of Hors d'oeuvres" (left) and
"Sautéed Lamb Tenderloin Served with Chinese Gnocchi"

11 唐獎盛宴菜餚「拋繡球」(左)-「黃燜湯」(右)
Banquet dishes: "Pan-fried Prawns with Potherb Mustard
Greens" (left) and "Seafood Stewed in Chicken Broth"

唐獎得獎人演講

Laureates' Lectu

2023年8月2日「唐獎得獎人演講」在台北福華國際文教會館卓越堂隆重登場，四場演講分別由永續發展獎、漢學獎召集人劉兆漢院士、王德威院士、法治獎前召集人葉俊榮講座教授，生技醫藥獎為王惠鈞院士擔任介紹人。

六位唐獎得主分別祭出集一生絕學的演講主題：「對話與永續發展」、「青銅禮器與黃金腰帶：中國文化場景的昔與今」、「比較憲法待解之謎」、「研究開發 mRNA 療法」、「核苷修飾的 mRNA-LNP 療法」及「脂質奈米顆粒系統的設計：讓基因治療成為可能」，他們的睿智風采、傾囊相授的熱誠，感動、啟發在場上千位民眾及觀看直播的無數人，也推促了國內產業發展及科技合作交流。

The Tang Prize Laureate's Lecture series was held on August 2nd, 2023, in Taipei's Howard Civil Service International House. Chair of the Tang Prize Selection Committee for Sustainable Development Dr. Chao-Han Liu, Chair of the Tang Prize Selection Committee for Sinology Dr. David Der-wei Wang, and former Chair of the Tang Prize Selection Committee for Rule of Law Dr. Jiunn-Rong Yeh undertook the task of introducing the 2022 laureates in their respective fields, while laureates in Biopharmaceutical Science were introduced by Academician of Academia Sinica Dr. Andrew H.-J. Wang.

The audience on-site and online was treated to six edifying lectures that encapsulated the essence of the laureates' lifelong research. Individually titled "Dialogue and Sustainable Development," "Bronze Banqueting Vessels and Golden Belts in the Landscape of Ancient China and of Today," "The Grand Puzzle of Comparative Constitutional Law," "Developing mRNA for Therapy," "Nucleoside-modified mRNA-LNP Therapeutics," and "Design of Lipid Nanoparticles That Enable Gene Therapies," these talks were an impressive display of the laureates' wisdom and charisma. Thousands of attendees and countless people watching the livestream were moved and inspired by the great passion with which the laureates shared their knowledge unreservedly. It was expected that these talks could help facilitate the advancement of Taiwan's domestic industries as well as foster more technological collaboration on this island.



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2022 Tang Prize Laureate Press Conference
2022 唐獎第五屆得獎記者會



2022 Tang Prize Week

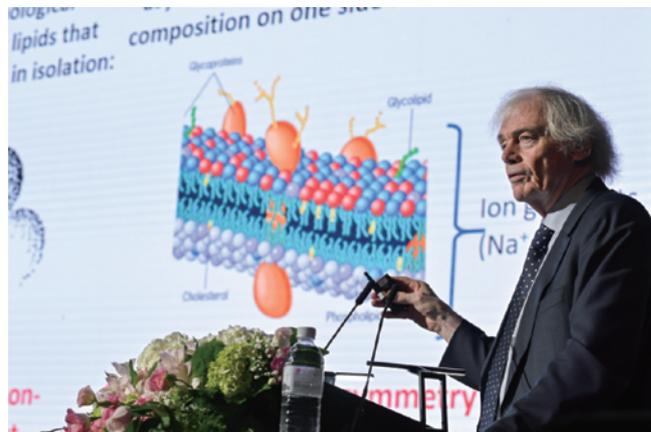
第五屆唐獎週

Laureates' Lectures

唐獎得獎人演講



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- 1 2022唐獎永續發展獎得主傑佛瑞·薩克斯
Jeffrey Sachs, 2022 Tang Prize laureate in Sustainable Development
- 2 2022唐獎得技醫藥獎得主卡塔林·卡里科
Katalin Kariko, 2022 Tang Prize laureate in Biopharmaceutical Science
- 3 2022唐獎生技醫藥獎得主德魯·魏斯曼
Drew Weissman, 2022 Tang Prize laureate in Biopharmaceutical Science

- 4 2022唐獎生技醫藥獎得主彼得·庫利斯
Pieter Cullis, 2022 Tang Prize laureate in Biopharmaceutical Science
- 5 2022唐獎漢學獎得主潔西卡·羅森
Jessica Rawson, 2022 Tang Prize laureate in Sinology
- 6 2022唐獎法治獎得主雪柔·頌德絲
Cheryl Saunders, 2022 Tang Prize laureate in Rule of Law



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7 2022唐獎永續發展獎得獎人記者會
Post-lecture press conference for 2022 Tang Prize laureate in Sustainable Development

8 2022唐獎生技醫藥獎得獎人記者會
Post-lecture press conference for 2022 Tang Prize laureates in Biopharmaceutical Science

9 2022唐獎漢學獎得獎人記者會
Post-lecture press conference for 2022 Tang Prize laureate in Sinology

10 2022唐獎法治獎得獎人記者會
Post-lecture press conference for 2022 Tang Prize laureate in Rule of Law



2022 Tang Prize Week

第五屆唐獎週

唐獎青年對談(卡塔林·卡里科於北一女)

Youth Symposium

(Katalin Kariko at Taipei First Girls' High School)

唐獎第五屆生技醫藥獎得主卡塔林·卡里科博士2023年8月2日現身北一女中，與兩百多名來自建國中學、師大附中與成功高中四校高中生，以「mRNA療法—我的生命之旅」主題齊聚對談。

充滿活力、神采飛揚且感染力十足的卡里科博士，不只分享自己五十年前讀高中的照片，更以自身崎嶇波折但築夢踏實的人生經歷，鼓勵在場有志成為科學家的青年學子，對自己所從事的事保持熱情，並且相信自己，學習與壓力共處，不斷學習成長，她亦期盼更多下一代學子能投入科學家的行列。

Dr. Katalin Kariko, 2022 Tang Prize laureate in Biopharmaceutical Science, gave a talk titled “Developing mRNA for Therapy: My Journey,” at a youth symposium held at Taipei First Girls’ High School on August 2, 2023, in a room packed with more than two hundred students from Taipei First Girls’ High School, Taipei Municipal Jianguo High School, Affiliated Senior High School of National Taiwan Normal University, and Taipei Municipal Chenggong High School.

Brimming with infectious energy and enthusiasm, Dr. Kariko shared photos of her high school years taken more than fifty years ago, and regaled the students with her life story, an adventure of chasing her dreams and a journey that was full of ups and downs. She told the young minds present on that day that they should be passionate about what they do, have faith in themselves, learn how to handle stress, never stop learning and aspire to be a scientist.



Youth Symposium (Katalin Kariko at Taipei First Girls' High School)

唐獎青年對談 (卡塔林·卡里科於北一女)



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1 2022唐獎青年對談於北一女中學舉辦
2022 Tang Prize Youth Symposium held at Taipei First Girls' High School

2 2022唐獎生技醫藥獎得主卡塔林·卡里科
Katalin Kariko, 2022 Tang Prize laureate in Biopharmaceutical Science



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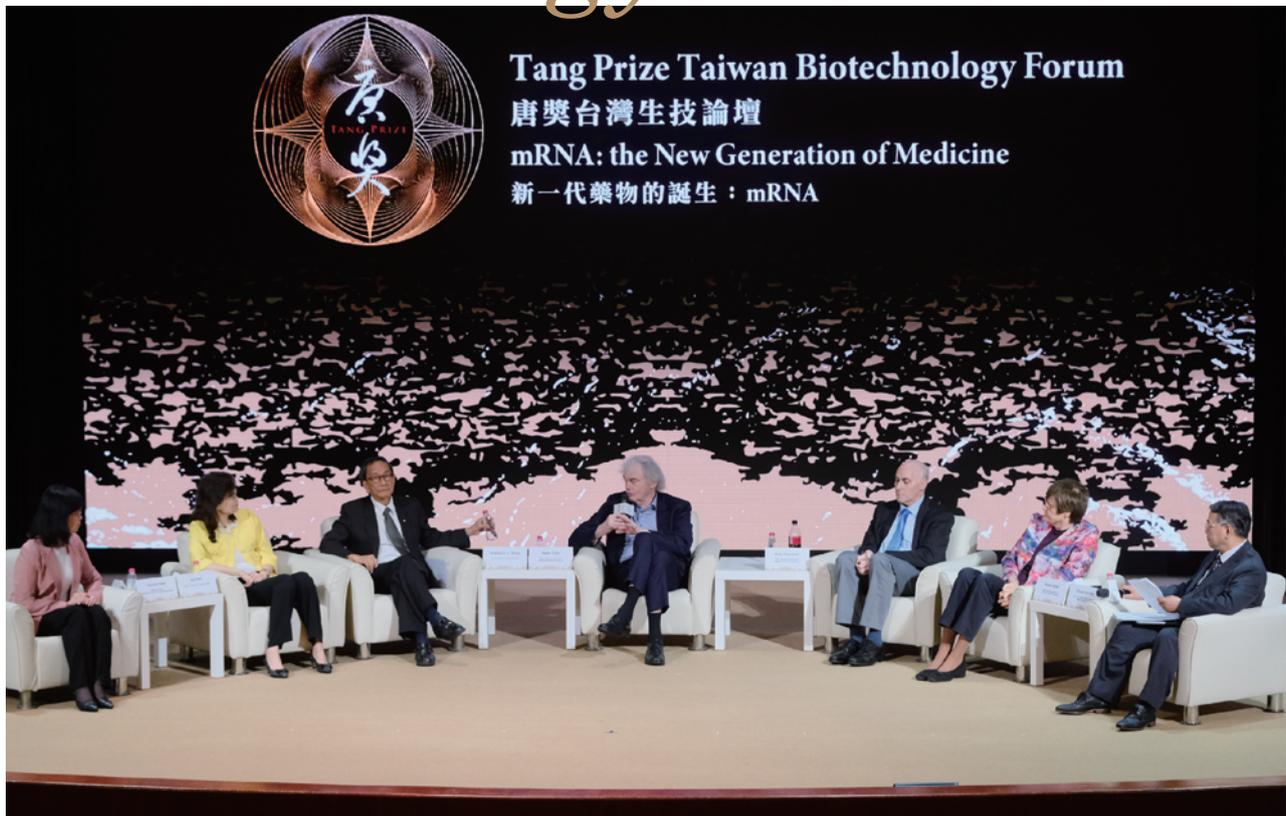
4 2022唐獎生技醫藥獎得主卡塔林·卡里科
Katalin Kariko, 2022 Tang Prize laureate in Biopharmaceutical Science

5 唐獎教育基金會企劃處胡茵茵處長
Yin-Yin Hu, Director of General Affairs of Tang Prize Foundation

6 右為北一女中陳智源校長
(far right) Principle of Taipei First Girls' High School Chih-Yuan Chen

唐獎台灣生醫論壇

Tang Prize Taiwan Biotechnology Forum



暨2023年8月2日舉辦唐獎第五屆得獎人演講與記者會後，唐獎教育基金會再偕生物技術開發中心(DCB)、台灣生物產業發展協會(TBIO)、及國家生技醫療產業策進會(IBMI)，在台北福華國際文教會館舉辦「唐獎台灣生技論壇」，以「新一代藥物的誕生：mRNA」為題，延續、對談前日日的演講主題。

論壇由DCB執行長吳忠勳主持，與談人除了三位唐獎生技醫藥獎得主卡塔林·卡里科、德魯·魏斯曼和彼得·庫里斯外，還有國科會副主委陳儀莊、中研院院士王惠鈞、東洋藥品總經理侯靜蘭等三位台灣產官學代表，他們一同針對mRNA技術的發展現況、開發應用及未來趨分享看法，熱烈討論。

Exploring the topic “mRNA: the Next Generation of Medicine,” this forum was co-organized by the Tang Prize Foundation, the Development Center for Biotechnology (DCB), Taiwan Bio Industry Organization (TBIO), and the Institute for Biotechnology and Medicine Industry (IBMI).

President of DCB Chung-hsiun Wu served as the moderator for the forum. Deputy Minister of the National Science and Technology Council (NSTC) Yijuang Chern, Academician of Academia Sinica Andrew H.-J. Wang, and CEO of TTP Biopharm Company Limited Sara Hou participated as the panelists. They held in-depth discussion with three 2022 Tang Prize laureates in Biopharmaceutical Science, Drs. Katalin Kariko, Drew Weissman and Pieter Cullis, on the latest development of mRNA technology, its applications and the potential outlook.



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1 國科會副主委陳儀莊(左一)、東洋藥品總經理侯靜蘭(左二)、中研院院士王惠鈞(左三)
Deputy Minister of the NSTC Yijuang Chern (far left), CEO of TTP Biopharm Company Limited Sara Hou (second left), and Academician of Academia Sinica Andrew H.-J. Wang (third left)

2 2022唐獎生技醫藥獎得主德魯·魏斯曼
Drew Weissman, 2022 Tang Prize laureate in Biopharmaceutical Science

3 2022唐獎生技醫藥獎得主德魯·魏斯曼
Drew Weissman, 2022 Tang Prize laureate in Biopharmaceutical Science

4 2022唐獎生技醫藥獎得主卡塔林·卡里科
Katalin Kariko, 2022 Tang Prize laureate in Biopharmaceutical Science



全球共善學思會

TZU CHI Global Symposium

經濟

2022 Tang Prize Week

第五屆唐獎週

慈濟全球共善學思會 & 全球永續焦點論壇

Tzu Chi Global Symposium for Common Goodness & Global Sustainability Focal Forum

2023年8月3日唐獎永續發展獎得主傑佛瑞·薩克斯受邀於「第八屆全球共善學思會：經濟正義與環境永續」發表演說，慈濟基金會顏博文執行長肯定薩克斯對於永續發展與經濟正義的貢獻及獨到見解，並希望透過「全球共善學思會」建立跨領域的學術交流平台，共同討論解決人類的問題、促進永續開發。

2023年8月4日唐獎永續發展獎得主傑佛瑞·薩克斯受台灣永續能源研究基金會 (TAISE) 主辦的「全球永續焦點論壇」邀請，以「SDGs如何成為企業動能，面對經濟挑戰下的公平正義」為題發表演講，接續由TAISE董事長簡又新、國立成功大學特聘教授蘇慧貞前校長分享台灣推動永續發展的經驗。

2022 Tang Prize laureate in Sustainable Development Professor Jeffrey Sachs was invited to speak on the topic of “Economic Justice and Environmental Sustainability” at the 8th Tzu Chi Global Symposium for Common Goodness held on August 3, 2023. CEO of the Buddhist Tzu Chi Charity Foundation Po-Wen Yen praised Professor Sachs for his great insight on how to achieve sustainable development and economic justice as well as his contributions to this field. He also expressed the hope that this symposium could offer a platform for interdisciplinary dialogues that would lead to solutions to problems currently confronting humanity and further facilitate the sustainable development of the world.

On August 4, 2023, Professor Sachs delivered a keynote speech titled “How SDGs Can Be A Momentum for Enterprises to Face Fairness and Justice under Economic Challenges” at the Global Sustainability Focal Forum, organized by the Taiwan Institute for Sustainable Energy (TAISE). TAISE Chairman Eugene Chien and Distinguished Professor and former President of National Cheng Kung University Huey-Jen Su also took the stage to share Taiwan’s experience of pursuing sustainable development.



濟正義

Tzu Chi Global Symposium for Common Goodness

慈濟全球共善學思會



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1 2022唐獎永續發展獎得主傑佛瑞·薩克斯
Jeffrey Sachs, 2022 Tang Prize laureate in Sustainable Development

2 身為小兒科醫師的薩克斯夫人分享非洲公共衛生推動經驗
Sonia Sachs, wife of Jeffrey Sachs and a pediatrician by training, shares her experience of promoting public health in Africa

3 慈濟慈善基金會顏博文執行長(左二)致贈禮物給薩克斯夫婦
CEO of Tzu Chi Charity Foundation Po-Wen Yen (second from left) presents a gift to Jeffrey Sachs and Sonia Sachs

4 唐獎教育基金會陳振川執行長代表致詞
CEO of Tang Prize Foundation Jenn-Chuan Chern makes remarks

Global Sustainability Focal Forum

全球永續焦點論壇



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5 2022唐獎永續發展獎得主傑佛瑞·薩克斯
Jeffrey Sachs, 2022 Tang Prize laureate in Sustainable Development

7 唐獎教育基金會陳振川執行長代表致詞
CEO of Tang Prize Foundation Jenn-Chuan Chern makes remarks

8 成功大學前校長蘇慧貞(左一) TAISE董事長簡又新(左二)
Former President of National Cheng Kung University Huey-Jen Su
(left) and TAISE Chairman Eugene Chien (second left)

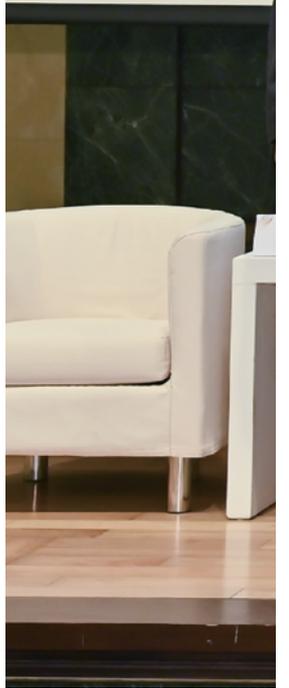
唐獎大師論壇

Masters' Forums

鑒於台灣疫情，「唐獎第五屆大師論壇」以線上直播(live stream)結合現場實體(on-site)模式，於2022年9月19至28日在台灣大學、清華大學、成功大學、台北醫學大學舉行五場論壇。六位唐獎得主分別以「邁向2030-2050之永續發展路徑」、「以mRNA為藥物的新時代」、「脂質奈米顆粒、基因治療及COVID-19 mRNA疫苗」、「青銅、玉與金：『物的言語』及其脈絡」、「憲法變遷中的公眾參與：從比較憲法的觀點出發」等主題分享畢生所學，並與多位重量級專家學者對談，吸引上千位學生及外界人士前往參與，更透過線上直播邀請全球民眾共同參與。

The 2022 Tang Prize Masters' Forum series was held from September 19 to 28, 2022, on-site at National Taiwan University, National Tsinghua University, National Cheng Kung University, and Taipei Medical University, and streamed online simultaneously. Six 2022 laureates shared with the audience their lifelong research in five talks respectively titled “Sustainable Development Pathways Toward 2030 and Beyond,” “History of mRNA Development for Therapy,” “Lipid Nanoparticles (LNPs), Gene Therapy and the COVID-19 mRNA Vaccine,” “Bronze, Jade and Gold: The Language of Objects and Their Context,” and “Public Participation in Constitutional Change—Reflection from a Comparative Perspective.” Several renowned experts and scholars were also invited to participate in the panel discussions. While thousands of students and members of the public attended in person, many more from every corner of the world also took part via the internet.

Jeffre





2022 Tang Prize Week

第五屆唐獎週

Masters' Forums

唐獎大師論壇



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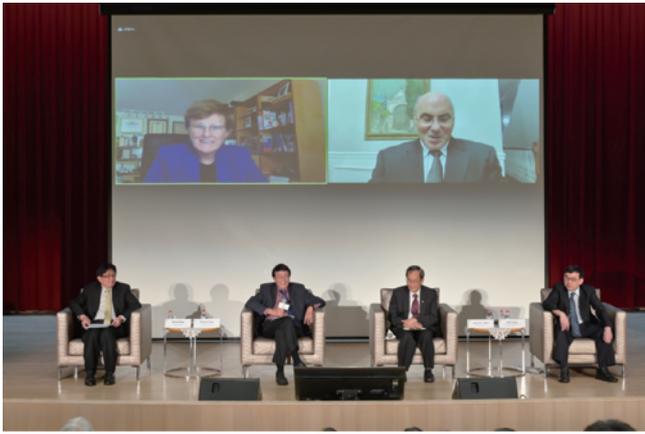
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1 2022唐獎永續發展獎得主傑佛瑞·薩克斯於成大線上開講
2022 Tang Prize laureate in Sustainable Development Jeffrey Sachs appears online at National Chen Kung University

3 2022唐獎漢學獎得主潔西卡·羅森於台大線上開講
2022 Tang Prize laureate in Sinology Jessica Rawson appears online at National Taiwan University



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6 2022唐獎生技醫藥獎得主卡塔林·卡里科·德魯·魏斯曼於台北醫學大學線上開講
2022 Tang Prize laureates in Biopharmaceutical Science Katalin Kariko and Drew Weissman appear online at Taipei Medical University

8 2022唐獎法治獎得主雪柔·頌德絲台大線上開講
2022 Tang Prize laureate in Rule of Law Cheryll Saunders appears online at National Taiwan University

10 2022唐獎生技醫藥獎得主彼得·庫里斯於清大線上開講
2022 Tang Prize laureate in Biopharmaceutical Science Pieter Cullis appears online at National Tsing Hua University



2022 Tang Prize Week

第五屆唐獎週

唐獎榮耀·十周年展

Tang Prize 10th Anniversary Exhibition



為了讓更多民眾認識唐獎得主對於世界的貢獻，「唐獎榮耀·十週年展」2022年9月正式於台北中正紀念堂展出，以「唐獎四堂課」為策展概念並邀Dr.Tang擔任課堂解說員，規劃認識唐獎、唐獎四堂課(永續發展、生技醫藥、漢學、法治)、唐獎典藏、十周年區等七個展區，輔以展示櫥窗、多媒體影音、圖像化資訊等寓教於樂的形式，加上設計動手做mRNA疫苗、法治傳奇殿堂、SDGs全球進展請抽板、從馬鑣看東西文化交流等互動裝置設計，讓參展民眾輕鬆即可一覽唐獎得主們的畢生成就。中正紀念堂展出兩個月後即移師高雄科學工藝博物館續展兩年，以饗南台灣民眾。

To help the public learn more about Tang Prize laureates' contributions, the Tang Prize Foundation launched the "Tang Prize 10th Anniversary Exhibition" in the National Chiang Kai-shek Memorial Hall in September 2022. Arranged around the theme of "The Four Lessons about the Tang Prize" and with the Tang Prize mascot, Dr. Tang, as the special docent, the exhibition was divided into seven sections, where visitors can get an introduction to the Tang Prize, take four lessons in each of the four prize categories (Sustainable Development, Biopharmaceutical Science, Sinology, and Rule of Law), browse through items donated by laureates, and have an overview of what the Tang Prize has achieved in the past decade. The use of display cabinets, audiovisual multimedia, and visualized information made the exhibition both entertaining and educational. Trying to make mRNA vaccine, doing a personality test in the Halls of Law, studying the global progress in SGDs at a "pull-and-read" desk, and exploring cultural exchange between the East and West by understanding horse trade were just some of the interactive, fun and easy ways provided for visitors to get an overview of laureates' lifelong achievements. After being on view for two months at the Memorial Hall, the exhibition was moved to the National Science and Technology Museum in Kaohsiung, where it is scheduled to run for two years to delight people in southern Taiwan with a sumptuous feast of knowledge.

Tang Prize 10th Anniversary Exhibition

唐獎榮耀·十周年展



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- 1-3 唐獎榮耀·十周年展於中正紀念堂展出2個月
Tang Prize 10th Anniversary Exhibition on view in the National Chiang Kai-shek Memorial Hall for two months
- 4 小朋友體驗「法治傳奇殿堂」互動裝置
Children play with the engaging device at the Halls of Law

- 5 高雄展覽特別設置「Dr.Tang迎賓區」
The exhibition in Kaohsiung features a special “Dr. Tang Reception Hall”
- 6 唐獎獎章
Tang Prize Medal



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7 唐獎於展覽開幕記者會發表最新唐獎證書設計
Latest Tang Prize diplomas are revealed at the launch of the exhibition in Taipei

8 運用互動裝置來了解永續發展目標(SDGs)的全球進展
Understanding the progress of SDGs worldwide through this interactive installation

9 唐獎證書由知本形象設計蔡慧貞總監操刀(左)·右為唐獎教育基金會陳振川執行長
Tang Prize diplomas, designed by Creative Director of Proad Identity Jennifer Tsai (left), seen here with CEO of the Tang Prize Dr. Jenn-Chuan Chern (right)

唐獎週活動宣傳(捷運燈箱、台鐵廣告、十週年紀念影片)

Tang Prize Week Promotion

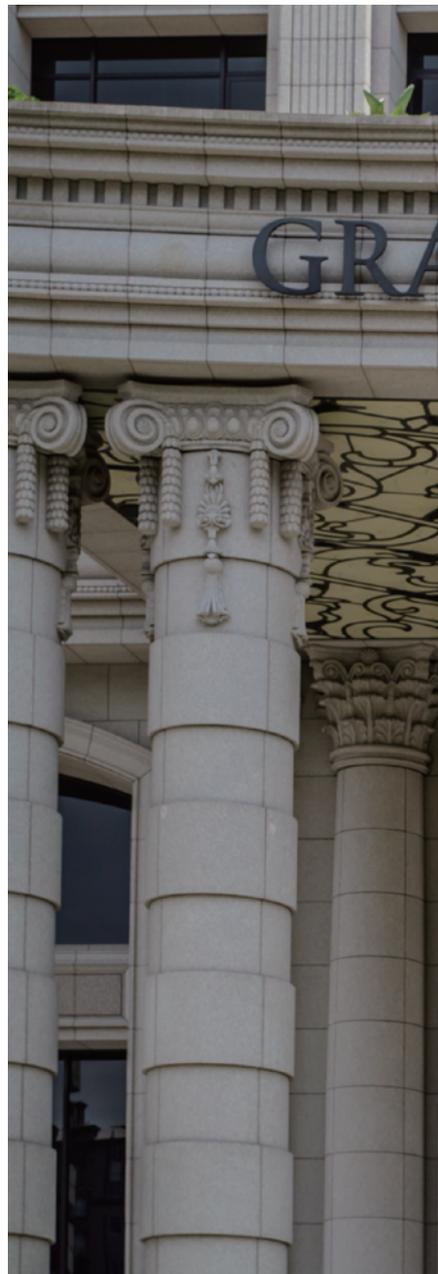
*(Ads at MRT and Taiwan Railway Stations,
and Tang Prize 10th Anniversary Documentary)*

2022年~2023年，適逢唐獎成立十周年，但因受Covid-19疫情影響，唐獎週分兩波舉辦，2022年首先舉辦大師論壇及唐獎榮耀·十週年展兩大實體活動、拍攝十周年紀念影片。隔年2023年再舉辦唐獎週，並透過台北市、高雄市各捷運站的廣告燈箱、台鐵車廂廣告、路燈旗等來宣傳活動與影片，增加唐獎週能見度。

慶祝成立十周年，2022年12月份，壓軸獻上與中視團隊合作拍攝的「60分鐘」節目—「唐獎十年 卓越永續」，內容橫跨十年，記錄唐獎從一個善念到成為世界大獎的完整歷程。

2022 marked the 10th anniversary of the Tang Prize. However, due to the impact of the COVID-19 pandemic, the celebrations had to be staggered over a course of two years. In 2022, the Foundation organized two physical events, the Tang Prize Masters' Forums and the Tang Prize 10th Anniversary Exhibition and commissioned the making of a Tang Prize 10th anniversary documentary. In 2023, the rest of the Tang Prize Week events finally took place. As part of the promotional campaign, advertisements were placed in various MRT stations and Taiwan Railway stations, and lamp post banners were hung on several streets in Taipei and Kaohsiung.

To commemorate its 10th anniversary, a documentary titled "Excellence and Sustainability: Ten Years of the Tang Prize" and produced by Taiwan's China Television Company, was premiered in December 2022. It chronicles the evolution of the Tang Prize during the past decade and recounts how the prize emerged from a simple idea to become one of the world's most prestigious awards.





2022 Tang Prize Week

第五屆唐獎週

Tang Prize Week Promotion

(Ads at MRT and Taiwan Railway Stations, and Tang Prize 10th Anniversary Documentary)

唐獎週活動宣傳(捷運燈箱、台鐵廣告、十週年紀念影片)



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1 捷運台北車站
MRT Taipei Main Station

3 台鐵電聯車廂
Ad in an EMU car at a Taiwan Railways Station

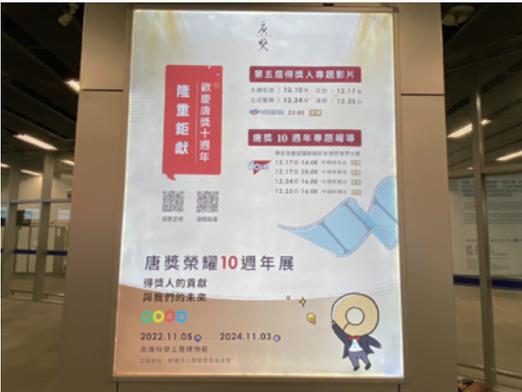
2 捷運國父紀念館站
MRT Sun Yat-Sen Memorial Hall Station



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- 4 捷運中正紀念堂站
MRT Chiang Kai-Shek Memorial Hall Station
- 5 高雄車站
Kaohsiung Main Station

- 6 慶祝成立十周年，拍攝「唐獎十年 卓越永續」節目
“Excellence and Sustainability: Ten Years of the Tang Prize,” a documentary that commemorates the 10th anniversary of the Tang Prize
- 7 慶祝成立十周年，唐獎官網設置「十周年專區」
Launch of “Tang Prize 10th Anniversary” section on Tang Prize website to celebrate the 10th birthday of the Tang Prize

2022

Laureate

得獎人活動



Events

第四屆唐獎得主研究推廣計畫執行
2020 Laureates' Grant Projects

歷屆唐獎得主研究推廣計畫結案成果
Final Reports of Laureates' Grant Projects

國際演講與活動
International Keynotes

Grant Projects

研究補助計畫執行



珍·古德

「亞洲保育計畫」

計畫年期：2021-2025

經費：700萬

協助支持台灣、馬來西亞與印度三地的保育及教育計畫，包括在台灣台北成立亞洲第一所專注於保育和永續議題的實驗小學；透過工作坊等活動來提升人們對於馬來西亞半島上靈長類動物的保育意識，並與科學家合作，紀錄各種野生動物物種；在印度則將藉由工作坊等活動來建立年輕人與大自然間的連結，培養對大自然的理解、意識和行動。每年也將舉辦「青年論壇」協助團隊合作並慶祝工作成果。

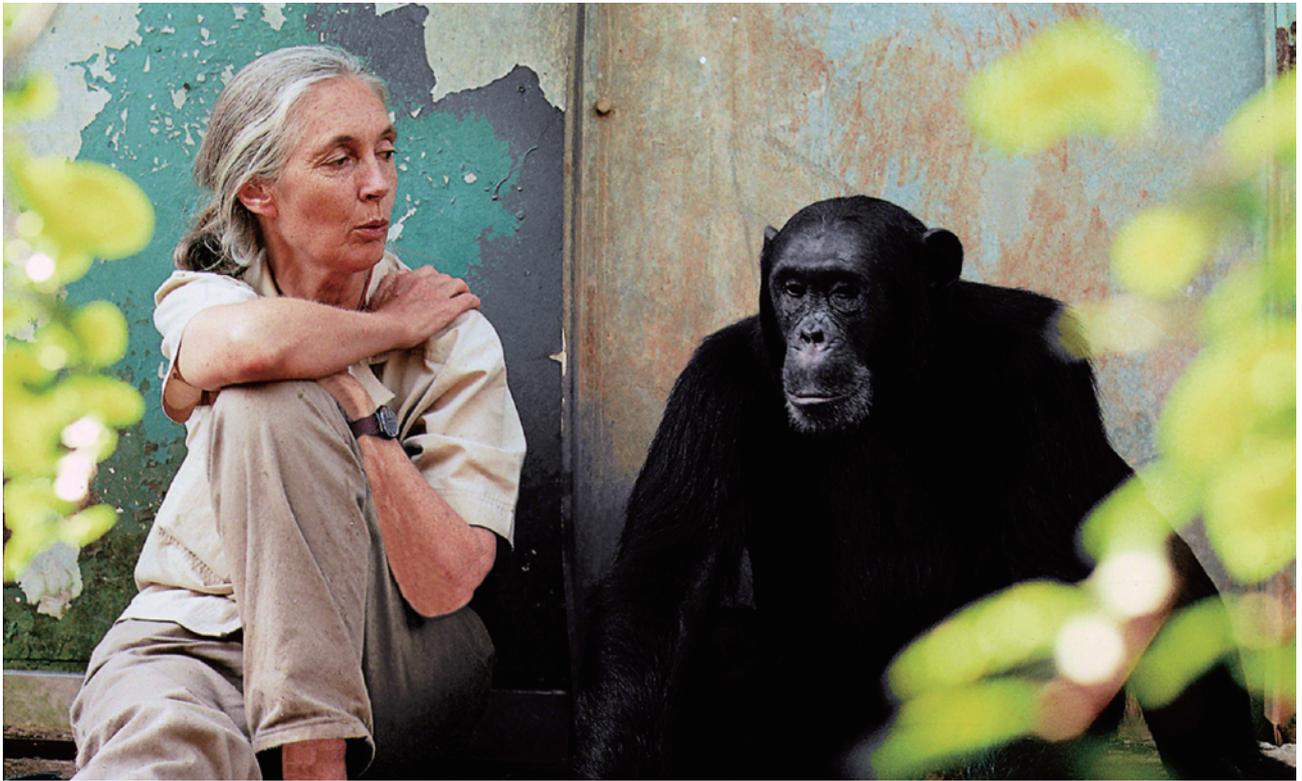
Jane Goodall

“Conservation Projects of Asia”

Period: 2021-2025

Budget: approx. USD 220,000

This initiative aims to support efforts to facilitate conservation and education projects in Taiwan, Malaysia, and India. It includes plans to establish Taipei's first experimental elementary school that focuses on conservation and sustainability issues; raise awareness about the conservation of primates on the Malaysian Peninsula by organizing events such as workshops and collaborate with scientists to document the many species of wildlife there; and connect the youth in India with nature through workshops and events that foster a deeper understanding, greater awareness and proactive engagement with the natural world. There will also be annual Youth Summits held to facilitate collaboration and celebrate the success of these endeavors.



珍·古德

「塞內加爾東南部野生黑猩猩保育及研究計畫」

計畫年期：2021-2023

經費：300萬

Jane Goodall

“Wild Chimpanzee Conservation and Research in Southeast Senegal”

Period: 2021-2023

Budget: approx. USD 94,000

西部黑猩猩(*Pan troglodytes verus*)為極危物種，預計在2060年將會有99%消失於棲地喪失與非法捕獵。本計畫透過常態性的蒐集有關黑猩猩行為與其生態環境的資料，如監控威脅源、族群分佈、紀錄生態走廊、工具使用、食物資源、瞭解可能發生人類與黑猩猩之間衝突或有人畜共通傳染病風險的取水處等，以協助推動當地黑猩猩保育工作。

The western chimpanzee (*Pan troglodytes verus*) is listed as a Critically Endangered subspecies on the IUCN Red List. It is estimated that 99% of the western chimpanzee population will disappear by 2060 due to habitat loss and illegal hunting. This project involves collecting data regularly on the ecology and ethology of chimpanzees, which is essential for monitoring threats, confirming distribution of chimpanzees, studying tool use, as well as getting to know corridors and nesting areas, food resources used, and water points where there might be conflict between chimpanzees and humans or risks of zoonoses. The aim is to contribute to the protection of chimpanzees and their habitat in Senegal.



馬克·費爾德曼

「探討新冠肺炎中血管病理學之機制」

計畫年期：2021-2023

經費：333萬

血栓是新冠肺炎中不良結果的顯著預測指標，該異常可能是凝血級聯反應過度活化和/或病毒引起的血管損傷所致。然而，其中機制仍未被充分了解。先天免疫系統中的髓樣細胞(myeloid cells)在新冠肺炎重症患者體內扮演重要的角色，且先天免疫系統與凝血反應增強及血管損傷皆有高度相關，那麼凝血級聯反應的活化有多少是由發炎反應引起的？腫瘤壞死因子 (TNF) 是一種關鍵的促發炎細胞激素，其表現量上升已被證明與新冠肺炎的死亡率增加有關。本計畫將研究炎症與凝血在接受抗TNF生物製劑治療之新冠肺炎患者體內的關係，來解答新冠肺炎致病機制中的重要難題。

Marc Feldmann

“Mechanisms of COVID-19 Vascular Pathology”

Period: 2021-2023

Budget: approx. USD 104,000

Clotting is a dramatic predictor of bad outcomes in COVID-19. These abnormalities may result from excessive activation of the coagulation cascade and/or virus-induced vascular damage. However, the mechanism(s) are not fully understood. The innate immune system and in particular myeloid cells play a role in severe COVID-19 disease. The innate immune system is tightly linked to both enhanced clotting and vascular damage. How much of this activation of the coagulation is due to inflammation?

Elevated levels of tumor necrosis factor (TNF), a key pro-inflammatory cytokine, have been shown to be associated with increased COVID-19 mortality. This project aims to study the relationship between inflammation and clotting in patients with COVID-19 treated with anti-TNF biologic in order to enable the resolution of this important piece of the puzzle in COVID-19 pathogenesis.



岸本 忠三

「測試抗IL-6受體抗體Tocilizumab在不同種細胞激素釋放症候群中的效果」

計畫年期：2021-2024

經費：333萬

IL-6抵禦感染和組織受傷，但過量的IL-6會導致急性嚴重的系統性發炎反應，稱為細胞激素釋放症候群(CRS)。先前我們證實CRS的發生與過度的免疫反應有相似特徵，然而，阻斷IL-6受體之訊息傳遞如何在發炎及凝血反應兩者發揮效應目前尚不清楚。此計劃將探討在CRS中IL-6訊號如何在血管發揮作用及其分子機制。使用RNA序列分析法去大規模鑑定血管內皮細胞及周細胞中受IL-6刺激後的基因表現。並與大阪大學重症加護病房合作，取得CRS患者的周邊組織進行基因表現分析。期望能精準驗證血管中IL-6受體訊息傳遞之分子機制並提出新的標靶或治療策略來治癒CRS。

Tadamitsu Kishimoto

“Efficacy of Anti-IL-6 Receptor (Tocilizumab) Treatment in Several Types of Cytokine Release Syndrome”

Period: 2021-2024

Budget: approx. USD 104,000

IL-6 contributes to host defense against infection and tissue injuries. However, excessive synthesis of IL-6 while combating environmental stress leads to an acute severe systemic inflammatory response known as “cytokine release syndrome” (CRS). Previously, Dr. Kishimoto and his team have proven that the progression of CRS shares common features with over-active immune responses. However, it is still unknown how blocking IL-6 receptor signaling affects both inflammation and coagulation cascade activation. This project sets out to answer this question by analyzing the molecular mechanism of how IL-6 signals function in vascular vessels during cytokine storms. Thus, RNA-sequencing will be carried out to identify the comprehensive gene expression in IL-6 signaling-activated vascular endothelial cells and pericytes. There will also be a collaboration with the intensive care unit in Osaka University Hospital to analyze the gene expression in peripheral tissues from CRS patients. The goal is to identify the precise molecular mechanisms of IL-6 receptor signaling on vascular cells and to find out a new target or strategies to cure cytokine release syndrome.



王廣武

「林娉婷女士紀念獎學金獎助東南亞漢學研究」

計畫年期：2021-2026

經費：1000萬

Wang Gungwu

“Margaret Wang Memorial Scholarship”

Period: 2021-2026

Budget: approx. USD 314,000

此計劃委由新加坡國立大學藝術與社會科學院規劃辦理，自2021年起為期五年，每年評選、獎助就讀新加坡國立大學中文或英文系並研究東南亞作家，以及藝術與社會科學院各科系鑽研漢學領域的碩士生。另設研討會補助申請制度，鼓勵獎學金得主在國內外研討會發表研究成果。期望吸引更多深具潛能的年輕學者後進投入東南亞文學及漢學研究，傳承王教授嚴謹與創新的治學精神。

The Faculty of Arts and Social Sciences (FASS) at the National University of Singapore (NUS) is entrusted with running the project by selecting and awarding the scholarship annually to deserving candidates from academic years 2021 to 2026. This Master's Scholarship aims to support postgraduates who study literature in the Department of Chinese Studies or Department of English Language and Literature at the NUS and do research on writers from Southeast Asia, or those who study Sinology in any FASS departments. Conference support may also be considered to encourage recipients of the scholarship to share their research in international meetings. It is hoped that this scholarship can attract more high-caliber students to take up research in the above stated areas and emulate Professor Wang Gungwu's academic rigor and scholarly inventiveness.



孟加拉環境法律人協會

「消失的孟加拉都市濕地：社會經濟、治理與法律的研究行動」

計畫年期：2022-2023

經費：333萬

Bangladesh Environmental Lawyers Association (BELA)

“Disappearing Urban Wetlands in Bangladesh: Action Research on Socio-economic, Governance and Legal Aspects”

Period: 2022-2023

Budget: approx. USD 104,000

孟加拉廣袤的濕地，被視為是大自然神聖的禮物。但都市中的濕地快速消失，從環境及社會經濟的角度來看，都是一大威脅。本計畫將檢視孟加拉過往關於都市濕地的政策和規範，並且從社會經濟、環境與時空、法律和治理等不同角度進行全面的研究，除了對都市濕地的保育提出指導原則建議，也將對濕地保育提供法律行動。

The vast wetlands of Bangladesh are always seen as a gift of nature, but wetlands located within the urban areas are disappearing at a fast pace, which is considered a major threat from environmental and socio-economic perspectives. This project aims to review existing research works and examine the prevailing policy gaps while also conducting a number of research to understand the dynamics of wetland conservation from a socio-economic, legal and governance points of view. The goals of these endeavors are to produce a comprehensive report to recommend guidelines for the conservation of urban wetlands in Bangladesh as well as to take up legal actions for wetland protection.



實現正義： 法律、正義暨社會中心

「Dejusticia 2021: 社經不平等、人權及 《哥倫比亞憲法》」

計畫年期：2021-2023

經費：333萬

Dejusticia: The Center for Law, Justice and Society

“Dejusticia 2021: Socio- Economic Inequality, Human Rights and Colombian Political Constitution”

Period: 2021-2023

Budget: approx. USD 104,000

本計畫分為兩個部分：

A. 不平等與人權研究

第一部分以田野調查或訪談等方式，對經濟不平等與人權的關係，從理論與實證的角度提出看法，並探討不平等如何影響人權的實踐，以及人權如何用來對抗不平等。

B. 《哥倫比亞憲法》30周年紀念

與因憲法而動員的社會行動者，共同製作宣傳素材，並以其觀點，批判性的分析1991哥倫比亞憲法通過後的社會變遷與其缺點。

This project is composed of the following two segments:

A. Research on Human Rights for Socio-Economic Equality

Most of the case studies included in this project are based on fieldwork and interviews conducted in different regions of Colombia. Its purpose is to contribute theoretical and empirical reflections on the relationship between economic inequality and human rights and to explore how inequality affects the fulfillment of human rights as well as how may human rights be used to fight inequality.

B. Dejusticia on the 30th Anniversary of Colombian Constitution

This part of the project involves working with the social actors who have mobilized around the 1991 Constitution to create materials related to it and critically analyzing the social transformation brought forth by the Constitution as well as its shortcomings in the voice of these actors.



法律實踐進程組織

「阿拉伯國家中的法學教育與法治：破碎的連結」

計畫年期：2022-2026

經費：333萬

The Legal Agenda

“Legal Education and the Rule of Law in Arab Countries: Broken Connections”

Period: 2022-2026

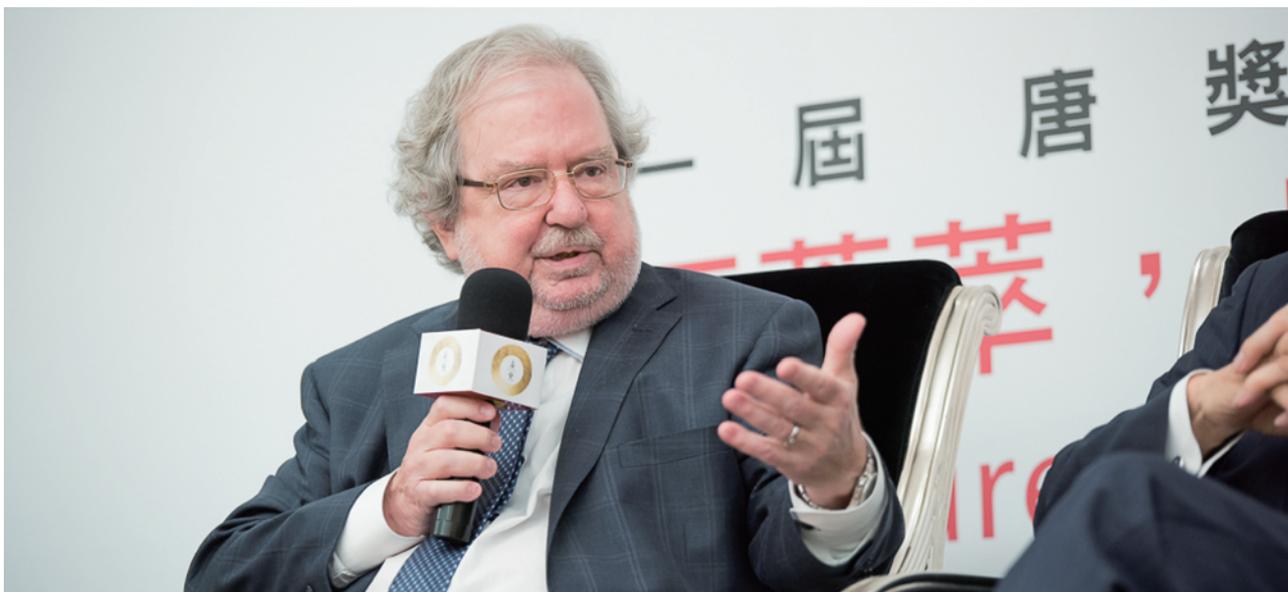
Budget: approx. USD 104,000

本計劃將對黎巴嫩與突尼西亞的法學教育與訓練進行調查。透過對不同學術或職業訓練階段的訓練人員，進行深入訪談，並分析法學訓練所用的教材，解密阿拉伯國家法學訓練機構的黑盒子，期能協助產出替代的法律訓練方法與課程，供法學院與司法機構作為範本。期望未來以法律為職的人能為了法治、民主與社會正義辯護，而不是為了政治領袖及社會菁英的私人利益辯護。

This project investigates the legal education and training in Lebanon and Tunisia. Through in-depth interviews with people at different stages of academic or professional training, it aims to analyze the legal training materials in these countries' law schools and training facilities and better understand what is happening inside the black box of these legal training institutions in Arab countries. In addition, it will suggest alternative legal training methods and curricula, and an alternative model to be implemented in law schools and judicial institutes. The hope is, in the future, legal professionals can strive to defend the rule of law, democracy and social justice, instead of the private interests of political leaders and socio-economic elites.

Final Reports of Tang Prize Grant Projects

歷屆唐獎得主研究推廣計畫結案成果



詹姆斯·艾利森

「唐獎癌症免疫治療研究獎助計畫」

計畫年期：2018-2020

經費：500萬

第一屆生技醫藥獎得主詹姆斯·艾利森運用唐獎提供的經費，計劃設立研究獎助金給免疫治療領域的年輕研究員。獎助金審查委員會所遴選出的研究員為珊吉塔·高斯瓦米 (Sangeeta Goswami)，聘請她為MD安德森癌症中心免疫所第一位終身全職的醫師科學家，此筆經費也將運用於建立她的實驗室。高斯瓦米博士有非常強的基礎免疫學以及臨床癌症研究背景。其提出的研究計劃將補足MD安德森癌症中心免疫所目前的基礎科學和臨床研究計劃。具體而言，她將在先前的研究基礎上作發展，根據抑制轉錄因子EZH2可以增加CTLA-4阻斷的抗腫瘤功效，未來將進一步透過表徵表觀遺傳變異找出對免疫檢查點治療有反應的患者及癌症。

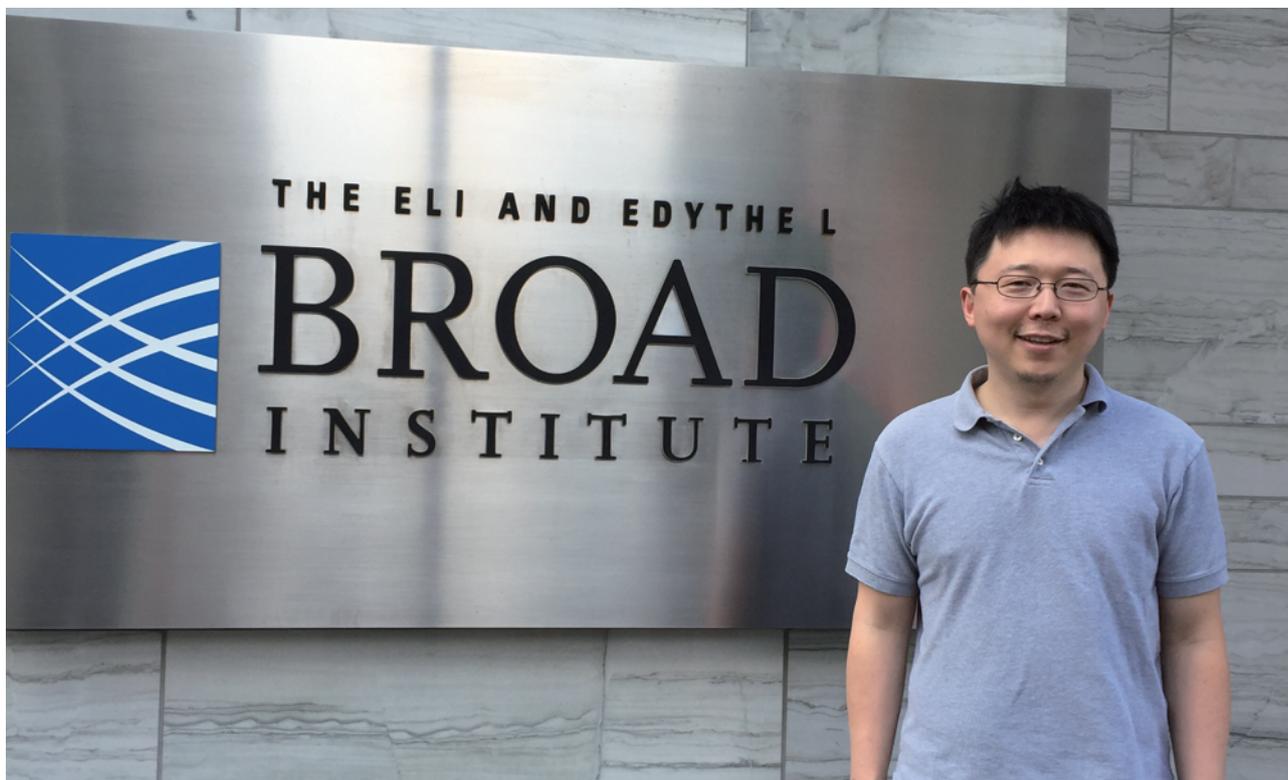
James Allison

“Tang Fellowship in Cancer Immunotherapy”

Period: 2018-2020

Budget: approx. USD 157,000

The funds for the Tang Fellowship have been used for the recruitment of Sangeeta Goswami, M.D., Ph.D. as the first physician-scientist with a full tenure-track position in the MD Anderson Department of Immunology and have been instrumental in starting to set up her own laboratory. Dr. Goswami has very strong background both in fundamental immunology and clinical cancer research. She has set forth a research plan that will complement existing work in the Immunology Department and related basic science and clinical research programs at MD Anderson. Specifically, she seeks to build upon her previous work that showed that inhibition of the transcription factor EZH2 could increase the anti-tumor efficacy of CTLA-4 blockade, by further characterizing the epigenetic variation that differentiates patients and cancers that respond to immune checkpoint therapy from those that do not.



張鋒

「STEM教育關懷基金」

計畫年期：2017-2022

經費：333 萬

Feng Zhang

“The Feng Zhang Fund for STEM Education and Outreach”

Period: 2017-2022

Budget: approx. USD 104,000

第二屆生技醫藥獎得主張鋒，將唐獎提供的經費用於支持科學協會 (Society for Science) 成立「張鋒STEM教育關懷基金」，協助該會透過三項計畫促進生技醫藥科學教育：生技醫藥相關之《科學新聞》文章、《科學新聞》進入高中計畫、英特爾國際科學展 (Intel International Science and Engineering Fair, 簡稱ISEF) 的「教育關懷日」。

計畫成果包括生技醫藥相關之36篇《科學新聞》文章的製作和出版；透過為STEM教師提供教學指引，將《科學新聞》的文章報導分作數個部分的教學指引教材，造就超過5,000所高中積極參與，17,000名教師藉此讓學生投入開創性的科學工作；「教育關懷日」旨在激發當地國、高中學生的好奇心和創造力，培養他們對學習的終生熱愛，五年來，已在不同的城市舉辦。

The support from the Tang Prize Foundation allowed the Society for Science (“the Society”) to establish “The Feng Zhang Fund for STEM Education and Outreach.” This funding helped the Society promote education in biopharmaceutical science through three areas of activities: Science News articles on biopharmaceutical sciences, Science News in High Schools, and Education Outreach Day at the International Science and Engineering Fair.

In total, 36 Science News articles centered on biopharmaceutical sciences were produced and published. The Science News in High Schools program provided guides the Society creates for STEM teachers. These guides were based on articles that appeared in Science News and were broken into components designed to be teaching material. In 2021, more than 5,000 high schools, mostly in the U.S., were active in the program, and 17,000 teachers relied on program resources to engage their students in the work of groundbreaking scientists. Taking place in a variety of cities from 2017 to 2022, the Education Outreach Day aimed to spark the curiosity and creativity of local middle and high school students who attended, in order to foster a lifelong love of learning.



維拉布哈德蘭·拉馬納森

「氣候變遷韌性：理解大腦與身體因應氣候變遷壓力源的機制」

計畫年期：2019-2021

經費：310萬

Veerabhadran Ramanathan

“Climate Change Resilience: Understanding Brain Body Mechanisms for Coping with Climate Stressors”

Period: 2019-2021

Budget: approx. USD 97,000

第三屆永續發展獎得主拉馬納森教授，將研究補助費投入兩個研究計畫，其中一個計畫由加州大學聖地牙哥分校與加州州立大學合作，研究加州2018年最致命野火對725名居民心理健康的影響。研究結果揭露，氣候變遷加劇的環境事件嚴重影響心理健康，造成創傷後壓力症候群、焦慮和憂鬱等臨床症狀，而童年創傷與睡眠干擾又會讓這些症狀更加惡化。值得注意的是以正念介入的策略能有效提升韌性。

而面對這些加速的環境災難，除了個人層面上的正念外，家庭給予的情緒支持、親近朋友的數量以及社群意識均有助於提升個人福祉。

此研究更進一步檢視氣候變遷引發的環境災害如何影響大腦健康生物標記，發現直接與間接接觸到氣候災害的人相較沒有接觸到災害的控制組，大腦功能受到顯著的影響。此研究計畫以量化方式呈現氣候變遷相關事件如何影響人們大腦功能與心理健康的科學證據，可望促使政策制定者採取立即的氣候行動。

2018 Tang Prize laureate in Sustainable Development Professor Ramanathan allocated part of his research grant to this project, carried out in collaboration with the University of California at San Diego to study the impact of California's deadliest wildfire, the Campfire in 2018, on the mental health of 725 California residents. This research revealed that climate change-exacerbated environmental events had a severe impact on victims' mental health, generating clinical symptoms of post-traumatic stress disorder, anxiety and depression. It also showed that childhood trauma and sleep disturbances further worsened mental health symptoms. Notably, it found that mindfulness intervention strategies may be effective in enhancing resilience.

The research suggested that mindfulness at the individual level, emotional support at the family level as well as the number of close friends and a sense of community can help improve wellbeing in the face of these accelerating environmental disasters.

The researchers also examined how brain health markers were affected by the climate change-driven environmental disasters and found significant brain function impact in those who were primarily exposed to the disasters in comparison with secondarily exposed and non-exposed individuals. They believe that such quantified neurobiological markers can help to further build a convincing argument for policy makers to take immediate climate action.



布萊恩·德魯克爾

「與突變順序有關的骨髓性白血病表型之表觀遺傳學之研究」

計畫年期：2019-2021

經費：333萬

第三屆生技醫藥獎得主布萊恩·德魯克爾運用唐獎提供的經費，投入研究急性骨髓性白血病(AML)相關突變順序如何影響疾病表現型與進程，他先驗證轉錄因子CEBPA突變勢必發生在CSF3R突變發生之前。並進一步發現突變的CEBPA會破壞與骨髓細胞分化相關的強化子(enhancer)，間接影響其他啟動子(promoter)，最終造成疾病。由於enhancer活化發生在promoter活化之前，此發現為突變順序對AML表現型的影響提供了合理的機制。接著，藉由再次活化enhancer來開發CEBPA突變型AML的治療策略，分別發現透過合併使用LSD1及JAK/STAT的兩種抑制劑能控制周邊血液母細胞數量並使疾病存活率加倍。雙重標靶KIT和LSD1對KIT突變型AML的療效。這些醫學新見解而生的新治療策略，目前已進入臨床試驗階段。

Brian J. Druker

“Epigenetics of Mutation-Order-Dependent Phenotypes in Myeloid Leukemia”

Period: 2019-2021

Budget: approx. USD 104,000

Recipient of 2018 Tang Prize in Biopharmaceutical Science Dr. Brian Druker used his research grant to explore how the order of mutations in the development of acute myeloid leukemia (AML) impacts the disease phenotype and progression. The study established that mutations of the transcription factor CEBPA must occur prior to mutations in CSF3R gene. It further revealed that mutant CEBPA could disrupt differentiation-associated enhancers and affect other promoters, thus initiating leukemia. Since enhancer activation precedes promoter activation, this provides a plausible mechanism for the impact of mutation order on AML disease phenotype. It then explained how enhancer reactivation could be a therapeutic strategy in CEBPA mutant AML. It also demonstrated that in combination, LSD1 and JAK/STAT inhibition controlled peripheral blast counts and doubled median survival, and dual targeting of KIT and LSD1 had similar efficacy in treating KIT-mutant AML. These insights have led to new treatment strategies that are moving into clinical trials.



約翰·曼德森

「利用RNA檢測技術
開發新策略，評估可作
用之藥物標的，以利癌
症治療之個人化」

計畫年期：2019-2020

經費：333萬

John Mendelsohn

“Developing an
RNA-based Strategy for
Actionable Target
Assessment to
Personalize Cancer
Therapies”

Period: 2019-2020

Budget: approx. USD 104,000

第三屆生技醫藥獎得主約翰·曼德森的研究補助計劃，設計兩部分實驗：

- 一、在非臨床檢驗標準的環境中建立整合性的多重RNA檢測平台
- 二、比較該檢測平台與免疫組織化學染色法 (IHC, immunohistochemistry) 所得到的標的表現數據

已成功開發一個多重檢測平台來快速篩選抗體藥物複合體 (ADC, antibody drug conjugate) 標的。此平台也在臨床轉化實驗室進行臨床檢驗標準驗證，以作為招募試驗患者的中心實驗室。多重篩選的實施將能夠測試許多腫瘤中未被常態檢測的標的表現量。此外，已經初步獲准在即將展開，由研究者發起的ADC-MATCH試驗中使用該檢測，該試驗將作為多中心的癌症治療評估計劃 (CTEP)。預期未來將繼續驗證其他標的，進一步提高測試可操作轉錄組的臨床效用。

The grant project of Dr. John Mendelsohn, recipient of the 2018 Tang Prize in Biopharmaceutical Science, was designed to achieve two aims:

1. To establish an integrated RNA-based multiplex assay in the pre-CLIA (Clinical Laboratory Improvement Amendments) Environment.
2. To compare target expression using the multiplex assay the team developed and IHC (immunohistochemistry)

The researchers have designed a multiplex assay to rapidly screen for ADC (antibody drug conjugate) targets. The assay is undergoing CLIA validation in the Clinical Translational Laboratory Unit to serve as a central lab for trials using this assay for patient enrollment. Implementation of multiplex screening will allow researcher to test for expression of targets not regularly tested in many tumor types. Importantly, the researchers have already gotten preliminary approval to use this assay in an upcoming investigator-initiated trial ADC-MATCH that will be launched as a multicenter CTEP (Cancer Therapy Evaluation Program) trial. Finally, the researchers expect to validate additional targets in the near future in order to further enhance the clinical utility of testing the actionable transcriptome.

International Keynotes

國際演講與活動



2021/04/27

第三屆生技醫藥獎得主東尼·杭特於「2021實驗生物學國際組織年會」演講 Dr. Tony Hunter delivers the Tang Prize Award Lecture online at EB 2021

受到COVID-19疫情影響，世界最大國際生醫盛會「實驗生物學國際組織」(Experimental Biology, EB)大會改以線上會議方式舉行。2018年唐獎生技醫藥獎得主Dr. Tony Hunter在唐獎講座中，分享如何發現酪胺酸磷酸化及相關酪胺酸激酶抑制劑(Tyrosine kinase inhibitor, TKI)藥物開發，同時也談論兩項重要研究計畫：胰臟癌和組胺酸磷酸化(histidine phosphorylation)。

The 2021 annual conference of Experiment Biology (EB), the largest biomedical meeting of its kind, was held virtually due to the COVID-19 pandemic. Dr. Tony Hunter, recipient of the 2018 Tang Prize in Biopharmaceutical Science, presented the Tang Prize Award Lecture online. Besides sharing the story about the discovery of tyrosine phosphorylation and the development of tyrosine kinase inhibitors (TKIs), he also touched on two recent research projects about pancreatic cancer and histidine phosphorylation.

2021/07/23

第四屆生技醫藥獎得主於「2021亞洲生技論壇」發表唐獎演講

2020 Tang Prize laureates in Biopharmaceutical Science deliver the Tang Prize Award Lectures at 2021 Bio-Asia

2020唐獎生技醫藥獎三位得主受邀於2021亞洲生技論壇(BIO Asia-Taiwan)進行唐獎主題演講，分享過去半世紀鑽研於細胞激素基礎研究及疾病治療應用的心路歷程。中國醫藥大學洪明奇校長亦於該場次演講時，特別介紹唐獎生技醫藥獎，給予三位唐獎得主肯定。

Three winners of the 2020 Tang Prize in Biopharmaceutical Science delivered the Tang Prize Award Lectures at the 2021 Bio-Asia Taiwan conference via video link. They talked about the journeys they embarked on more than a half century ago to study cytokines and relevant clinical applications that were discovered along the way. Preceding to their lectures was an introduction to the Tang Prize in Biopharmaceutical Science, presented by President of China Medical University Dr. Mien-Chie Hung, who also praised the three laureates for their remarkable contributions to this field.



2021/11/26

第一屆生技醫藥獎得主本庶 佑於「第十四屆亞太國際藥理學會議」演講 Professor Tasuku Honjo delivers the Nobel Lecture at 2021 APFP

每四年舉辦一次的國際學術研討會—亞太國際藥理學會議 (Asia Pacific Federation of Pharmacologists, APFP) 2021年於台北舉辦，來自亞太地區超過十個國家的學者專家齊聚一堂，由2018年度諾貝爾獎生理醫學獎暨2014唐獎第一屆生技醫藥獎得主本庶佑(Tasuku Honjo)博士以「癌症免疫療法的前瞻發展」主題進行開場演講，為一連三天半的會議揭開序幕。

The quadrennial conference of the Asia Pacific Federation of Pharmacologists (APFP), held in Taipei in 2021, brought together experts from more than ten Asian countries. 2014 Tang Prize laureate in Biopharmaceutical Science and winner of 2018 Nobel Prize in Physiology or Medicine Professor Tasuku Honjo delivered the opening speech virtually, on the topic of “Future Perspective of Cancer Immunotherapy,” raising the curtain on this three-and-a-half-day congregation.



2021/11/27

第四屆生技醫藥獎得主於「第十四屆亞太國際藥理學會議」得獎人演講

2020 Tang Prize laureates in Biopharmaceutical Science deliver the Tang Prize Laureates' Lectures at 2021 APFP

2020年唐獎生技醫藥獎三位得主查爾斯·迪納雷羅(Charles Dinarello)、馬克·費爾德曼(Marc Feldmann)及岸本忠三(Tadamitsu Kishimoto)受邀在亞太國際藥理學會議(Asia Pacific Federation of Pharmacologists, APFP)的「唐獎講座」(Tang Prize Lecture)發表演說,闡述細胞激素在發炎及COVID-19所扮演的角色及治療。

Three recipients of 2020 Tang Prize in Biopharmaceutical Science, Drs. Charles Dinarello, Marc Feldmann, and Tadamitsu Kishimoto gave their Tang Prize Laureates' Lectures online at a special Tang Prize session at 2021 APFP, explicating the role cytokines play in COVID-19 and shedding light on related therapeutic approaches.



2022/04/02

**第四屆生技醫藥獎得主查爾斯·迪納雷羅於費城「2022實驗生物學國際組織年會」演講
Dr. Charles Dinarello presents the Tang Prize Lecture at 2022 EB in Philadelphia**

一年一度、世界規模最大的國際生醫盛會—「實驗生物學國際組織」(Experimental Biology, EB) 2022年在美國費城召開，重頭戲「唐獎講座(Tang Prize Lecture)」特別邀請到2020年唐獎生技醫藥獎得主查爾斯·迪納雷羅(Charles Dinarello)演說，迪納雷羅博士更於會中宣布其研發阻斷介白素-1的生物製劑—「Anakinra」，已通過第三期臨床試驗及歐洲藥品管理局(European Medicines Agency, EMA)許可，正式成為治療Covid-19的新藥！

The 2022 annual conference of Experimental Biology (EB), the largest interdisciplinary meeting of its kind, took place in Philadelphia, U.S.A. One of the conference's most anticipated talks, the Tang Prize Lecture, was delivered via a pre-recorded video by recipient of the 2020 Tang Prize in Biopharmaceutical Science Dr. Charles Dinarello. In his presentation, Dr. Dinarello revealed that Anakinra, an anti-IL-1 biologic he developed, had been approved by the European Medicines Agency (EMA) for the treatment of COVID-19.



2022/09/27

第五屆永續發展獎得主傑佛瑞·薩克斯於「2022年臺灣歐盟環境與科技論壇：再生能源及永續交通」演講

Professor Jeffrey Sachs gives a speech at the 2022 Europe-Taiwan Forum on Environment and Science: Renewable Energy & Sustainable Transportation

由歐洲在臺商務協會的低碳倡議(LCI)、台中市政府、台灣歐聯中心和國立中興大學共同舉辦的2022歐洲-台灣環境與科學論壇，特別邀請到第五屆唐獎永續發展獎得主傑佛瑞·薩克斯教授，以線上直播方式發表「唐獎得獎人專題演講：建立永續發展的未來」。

This forum was co-organized by the Low Carbon Initiative (LCI) of the European Chamber of Commerce Taiwan (ECCT), Taichung City Government, the European Union Centre in Taiwan (EUTW) and National Chung Hsing University. 2022 Tang Prize laureate in Sustainable Development Professor Jeffrey Sachs gave an online keynote speech, titled “Tang Prize Lecture: Building a Sustainable Future,” which was broadcast live to audiences worldwide.



2022/09/29

第五屆永續發展獎得主傑佛瑞·薩克斯於「台大風險社會與政策研究中心論壇」演講
Professor Jeffrey Sachs participates in a forum organized by the Risk Society and Policy Research Center of National Taiwan University

第五屆永續發展獎得主傑佛瑞·薩克斯透過線上演講，分享邁向零碳經濟需要多方合作，疾呼各國開啟外交協商，共同合作。

Recipient of the 2022 Tang Prize in Sustainable Development Professor Jeffrey Sachs attended the forum via video link. He emphasized that building a net zero economy required multilateral cooperation and urged governments around the world to engage in diplomatic negotiations in order to have fruitful collaboration.



2022/11/11

第四屆生技醫藥獎得主岸本 忠三於「第14屆國際細胞生物學聯合會暨第9屆亞太細胞生物學組織—聯合會議」演講

Dr. Tadimitsu Kishimoto delivers a speech at 2022 ICCB& APOCB Joint Meeting

第14屆國際細胞生物學聯合會暨第9屆亞太細胞生物學組織聯合會議在中研院舉辦，會中，「唐獎講座」特別邀請2020年唐獎生技醫藥獎得主岸本 忠三以「介白素-6：從關節炎到T細胞療法 (CAR-T) 與新型冠狀肺炎之應用」為題發表線上演說。精彩內容論及IL-6在生理與病理所扮演的重要角色，並著重分享其研發的IL-6 阻斷藥物tocilizumab，如何在自體免疫疾病、細胞激素風暴及COVID-19中都發揮驚人療效。

2020 Tang Prize laureate in Biopharmaceutical Science Dr. Tadimitsu Kishimoto gave an online talk titled “Interleukin 6 (IL-6): From Arthritis to COVID- 19” at the 9th ICCB &APOCB Joint Meeting. He expounded the physiological and pathological importance of IL-6 and explained the therapeutic efficacy of tocilizumab, an anti-IL-6 receptor antibody he developed, in treating various autoimmune diseases, chimeric antigen receptor T-cell therapy-induced cytokine storms and COVID-19.

2022 *Foundation*

基金會活動



Events

國際組織與學術參與
International Connections

校園推廣
Campus Talks

Foundation Events

基金會活動



1



2

1 唐獎創辦人尹衍樑博士獲選為國際工程院(IAE)成立30年來首位榮譽院長
Tang Prize founder Dr. Samuel Yin becomes the first Honorary President of the IAE in its 30-year history

2 唐獎創辦人尹衍樑博士榮膺工研院院士，由蔡英文總統親自授證
Tang Prize founder Dr. Samuel Yin receives the ITRT Laureate Diploma from President Ing-wen Tsai

2021年3月，俄羅斯工程院 (Russia Academy of Engineering, 簡稱RAE) 及國際工程院 (International Academy of Engineering, 簡稱IAE) 在院士大會中，正式通過、宣佈唐獎創辦人尹衍樑博士為IAE成立30年以來首位榮譽院長，肯定他在工程科技上的重大貢獻及長期促進國際交流的努力。

2022年11月尹衍樑博士榮膺工研院院士，並在工研院隆重舉辦的頒獎典禮上由總統蔡英文親自授證。蔡總統致詞時提及，尹衍樑院士是台灣精密工程的先驅，其創新的營建工法能縮短工期、降低成本，更能掌握施工的工期，讓建築物更堅固安全。台灣許多科技大廠的預鑄興建，背後都有尹院士的貢獻跟他的團隊的參與，讓台灣科技產業能夠快速回應市場、贏得先機。

在校園推廣方面，唐獎教育基金會陳振川博士以「世界的唐獎－21世紀永續發展的推手」為題，前往臺灣大學、中興大學、海洋大學、高雄科技大學等校演講，與莘莘學子面對面分享來自台灣的世界學術大獎，不但介紹歷屆四獎項得主為世界做出的重大貢獻，也藉由生動豐富的教材與影片，鼓勵學生學習得主們追求真理與貢獻世界的精神。

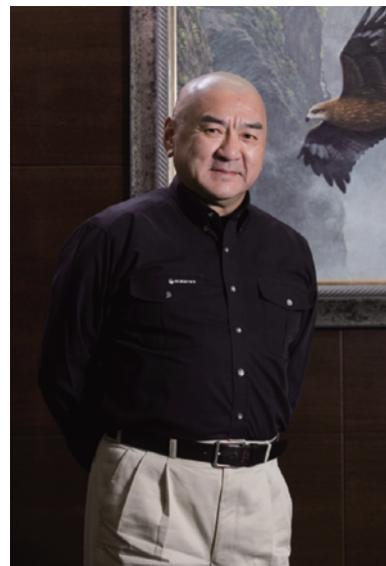
In the general assembly of the Russian Academy of Engineering (RAE) and the International Academy of Engineering (IAE) held in March 2021, Dr. Samuel Yin, founder of the Tang Prize, was elected the first Honorary President of the IAE in its 30-year history. This appointment was a recognition of his significant contributions to engineering technology and his long-standing efforts to promote global interaction.

In November 2022, Dr. Yin became a Laureate of Taiwan's Industrial Technology Research Institute (ITRT). President Ing-wen Tsai attended the award ceremony and presented the ITRT Laureate Diploma to Dr. Yin. In her opening remarks, President Tsai praised Dr. Yin as a trailblazer in precision engineering in Taiwan. The construction methods he pioneered have helped shorten construction time, lower costs, create a more manageable construction schedule, and make buildings sturdier and safer. The fact that factories of many of Taiwan's technology companies were built using the precast concrete automation technology he developed reflects the active involvement and contribution of Dr. Yin's team during their construction processes. As a result, Taiwan's high-tech industry has been able to respond to market needs swiftly and gain a competitive edge in markets worldwide.

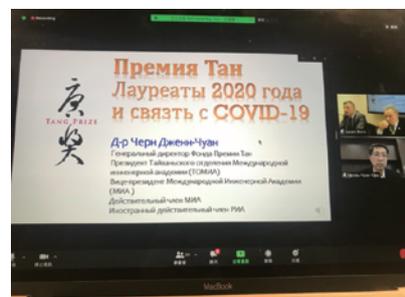
To promote the Tang Prize in Taiwan, CEO of the Tang Prize Foundation Dr. Jenn-Chuan Chern has given the talk, "The Global Tang Prize—Driving Sustainable Development in the 21st Century," at several universities, including the National Taiwan University, National Chung Hsing University, National Taiwan Ocean University, and National Kaohsiung University of Science and Technology. Speaking to students face-to-face about this international prize originating from Taiwan, Dr. Chern illustrated the significant contributions made by Tang Prize laureates in the four fields the prize is awarded. He also used engaging and informative materials and videos to attract students' attention and encouraged them to follow the laureates' footsteps, to always pursue truth and to make the world a better place.

International Connections

國際組織與學術參加



2021/03/18 唐獎創辦人尹衍樑博士獲選國際工程院榮譽院長
Tang Prize founder Dr. Samuel Yin elected the first Honorary President of IAE



2021/05/13 唐獎創辦人尹衍樑博士與陳振川執行長參加俄羅斯工程院及國際工程院成立30週年國際會議

Tang Prize founder Dr. Samuel Yin and CEO Jenn-Chuan Chern attend via vide link the conference celebrating the 30th anniversary of RAE and IAE



2022/11/11 唐獎創辦人尹衍樑博士獲選為工研院院士

Tang Prize Founder Dr. Samuel Yin elected Laureate of Taiwan's Industrial Technology Research Institute (ITRT)



2022/11/01 美國加州大學柏克萊分校呂淳祺院長來訪

Michael Lu, dean of UC Berkeley's School of Public Health, visits the Tang Prize Foundation

Campus Talks

校園推廣



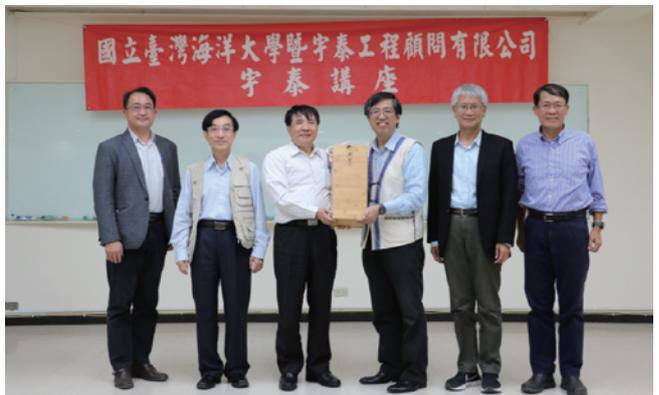
2021/03/05 世界的唐獎－21世紀永續發展的推手校園演講 @臺灣大學高分子科學與工程學研究所

“The Global Tang Prize—Driving Sustainable Development in the 21st Century” at the Institute of Polymer Science and Engineering, National Taiwan University



2022/10/13 世界的唐獎－21世紀永續發展的推手校園演講 @中興大學

“The Global Tang Prize—Driving Sustainable Development in the 21st Century” at National Chung Hsing University



2022/11/10世界的唐獎－21世紀永續發展的推手校園演講 @海洋大學
“The Global Tang Prize—Driving Sustainable Development in the 21st Century” at National Taiwan Ocean University



2022/11/16 世界的唐獎—21世紀永續發展的推手校園演講 @高雄科技大學
 “The Global Tang Prize—Driving Sustainable Development in the 21st Century” at National Kaohsiung University of Science and Technology



2022/11/16 世界的唐獎－21世紀永續發展的推手校園演講 @高雄科技大學
“The Global Tang Prize—Driving Sustainable Development in the 21st Century” at National Kaohsiung University of Science and Technology



2022/12/17唐獎行銷策略與推廣的成功關鍵要素 @台北大學
“Key to the Success in Promoting the Tang Prize” at National Taipei University

The Tang Prize Foundation

基金會介紹



About the Foundation

基金會簡介

財團法人唐獎教育基金會於2012年12月經教育部核定成立。主要業務以推動國內外「永續發展」、「生技醫藥」、「漢學」(不包含文學創作)、「法治」及其他經本會董事會決議之領域(以下統稱「獎助領域」)研究與發展,辦理教育有關業務,包括:獎助領域之研究、發行及出版獎助領域之研究成果、推動獎助領域之國內外交流與合作,和其他符合基金會設立宗旨之相關公益性教育事務。

唐獎提供每獎項獎金新台幣5000萬元,內含獎勵研究補助費新台幣1000萬元。自2014年起,唐獎每兩年頒發乙次,已選出五屆共33位得主(含3個NGO),基金會兩年一度的頒獎典禮已為國際盛事,表達對四大獎項得獎人至高無上的禮讚與榮耀。

The Tang Prize Foundation was established upon the approval of the Ministry of Education in Taiwan in December 2012. The foundation works to promote education, research, and development within the four fields of the prize, namely Sustainable Development, Biopharmaceutical Science, Sinology, and Rule of Law, as well as other areas which may in the future be chosen by the board of directors. In addition to its philanthropic endeavors in education, the foundation also funds research projects, publishes and disseminates the results, and promotes exchange and collaboration among researchers and scholars on an international level.

The biennial Tang Prize Award Ceremony is a central event for the Tang Prize Foundation, where laureates are bestowed with the iconic Tang Prize medal and diploma as well as a cash prize of NT\$50 million (approx. US\$ 1.75 million) per award category, which includes a research grant of NT\$10 million (approx. US\$ 0.35 million). Since its establishment, the prize has been awarded to 33 laureates, including 3 NGOs.

Nomination & Selection

國際評選團隊

唐獎獎項評選著重原創性、對社會的貢獻度以及影響力。其中原創性是指創新式研究，從發現問題到解決問題的過程，創新的定義是為人類帶來改變，提供新的價值與具體貢獻。

唐獎獎項評選第一、二屆由唐獎教育基金會委託中央研究院辦理，第三屆起由基金會成立專業獨立評選委員會。邀請國際著名專家學者（含多名諾貝爾獎得主），組成四個獨立評選小組，由國際化、多元化、專業領域的評選委員會選出。評選作業採邀請推薦制模式，由評選委員會邀請世界具尊譽之個人或學術機構推薦候選人，從中遴選出對世界具貢獻與影響力的唐獎得主。

The nomination criteria for the Tang Prize stress innovation, social value, and influence. Innovation means original research with a particular focus on the discovery of problems and their solutions, including all the aspects in-between. Innovation is something which changes things for the better and creates new values.

The first two rounds of nomination and selection were conducted by Taiwan's Academia Sinica. Starting from the third round, an independently acting selection committee, made up of four separate committees, was formed to take on the task. Each committee, one per prize category, consists of a diverse group of internationally renowned scholars and experts, including many Nobel laureates. They invite respected individuals and organizations from around the world to submit nominees, and choose those who have influenced and made great contributions to the world to be Tang Prize laureates.

President of the Selection Committee

總召集人



錢煦
Shu Chien

1976年獲選為中央研究院院士，2006年獲選為中國科學院外籍院士，於不同時間獲頒美國四大科學院（國家醫學科學院、國家工程科學院、國家科學院、藝術及科學學院）院士頭銜。2009年獲馬英九總統頒授中華民國總統生命科學獎獎章，2001年獲歐巴馬總統頒授美國國家科學獎獎章。

自2017年擔任唐獎評選委員會總召集人，研究領域包括血液流變學，分子、細胞及組織生物工程學、幹細胞生物工程學研究以及綜合生物醫學與工程領域，在不同研究範疇均有傑出貢獻。

Dr. Chien became an academician of Academia Sincia in 1976 and a foreign member of the Chinese Academy of Sciences in 2006. On separate occasions, he was elected to four major scientific academies in the United States—the National Academy of Medicine, the National Academy of Engineering, National Academy of Sciences, and the American Academy of Arts and Sciences. In 2001, he was presented with the National Medal of Science by President Obama and in 2009, he received the Presidential Science Prize of Taiwan from President Ma Ying-jeou. He has been the president of the Tang Prize Selection Committee since 2017.

Dr. Chien's research interests include hemorheology, molecular, cellular and tissue bioengineering, as well as stem cell bioengineering. He adopts an integrative approach to biomedical and engineering sciences and has made notable contributions in each of these fields.

Chair of the Selection Committee

獎項召集人



劉兆漢
Chao-Han Liu

永續發展獎獎項召集人

Chair of Tang Prize Selection Committee for Sustainable Development

中央研究院院士 Academician, Academia Sinica

美國國家工程院外籍院士
Foreign Associate, the U.S. National Academy of Engineering



張文昌
Wen-Chang Chang

生技醫藥獎獎項召集人

Chair of Tang Prize Selection Committee for Biopharmaceutical Sciences

中央研究院院士 Academician, Academia Sinica

美國國家工程院外籍院士
Foreign Associate, the U.S. National Academy of Engineering



王德威
David Der-wei Wang

漢學獎獎項召集人

Chair of Tang Prize Selection Committee for Sinology

哈佛大學東亞語言與文明系講座教授
Edward C. Henderson Professor of Chinese Literature and Comparative Literature, Harvard University

美國藝術與科學學院院士
Member, American Academy of Arts and Sciences

中央研究院院士 Academician, Academia Sinica



葉俊榮
Jiunn-Rong Yeh

法治獎獎項召集人

Chair of Tang Prize Selection Committee for Rule of Law

臺灣大學講座教授 Chair Professor, National Taiwan University

台大法學院環境永續政策與法律中心主任
Director of the Policy and Law Center for Environmental Sustainability (PLCE), College of Law, National Taiwan University

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Samuel Yin

唐獎教育基金會創辦人
Founder, Tang Prize Foundation

美國國家發明家學院院士
Fellow, National Academy of Inventors

工業技術研究院院士
Laureate, Industrial Technology Research Institute

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Genomics Research Center, Academia
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中央研究院院士
Academician, Academia Sinica

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講座教授
Chair Professor, Graduate Institute of
Cancer Biology and Drug Discovery, Taipei
Medical University

前臺北醫學大學校長
Former President, Taipei Medical University

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陳振川
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Chern

國立臺灣大學土木工程學系名譽教授
Emeritus Professor of Civil Engineering,
National Taiwan University

國際工程院院士
Academician, International Academy of
Engineering

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Board Member, Tang Prize Foundation

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Chung-Yao Yin

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Chairman, Nan Shan Life Insurance
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Mayor, Taoyuan City

前科技部部長
Former Minister, National Science and
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張國鎮
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國立臺灣大學土木工程學系特聘教授
Distinguished Professor, Department of
Civil Eng. National Taiwan University

國際工程院院士
Academician, International Academy of
Engineering

黃明端
Peter Ming-Tuan
Huang

高鑫零售有限公司董事會主席 非執行董事
Executive Director, Sun Art Retail Group
Limited

執行長

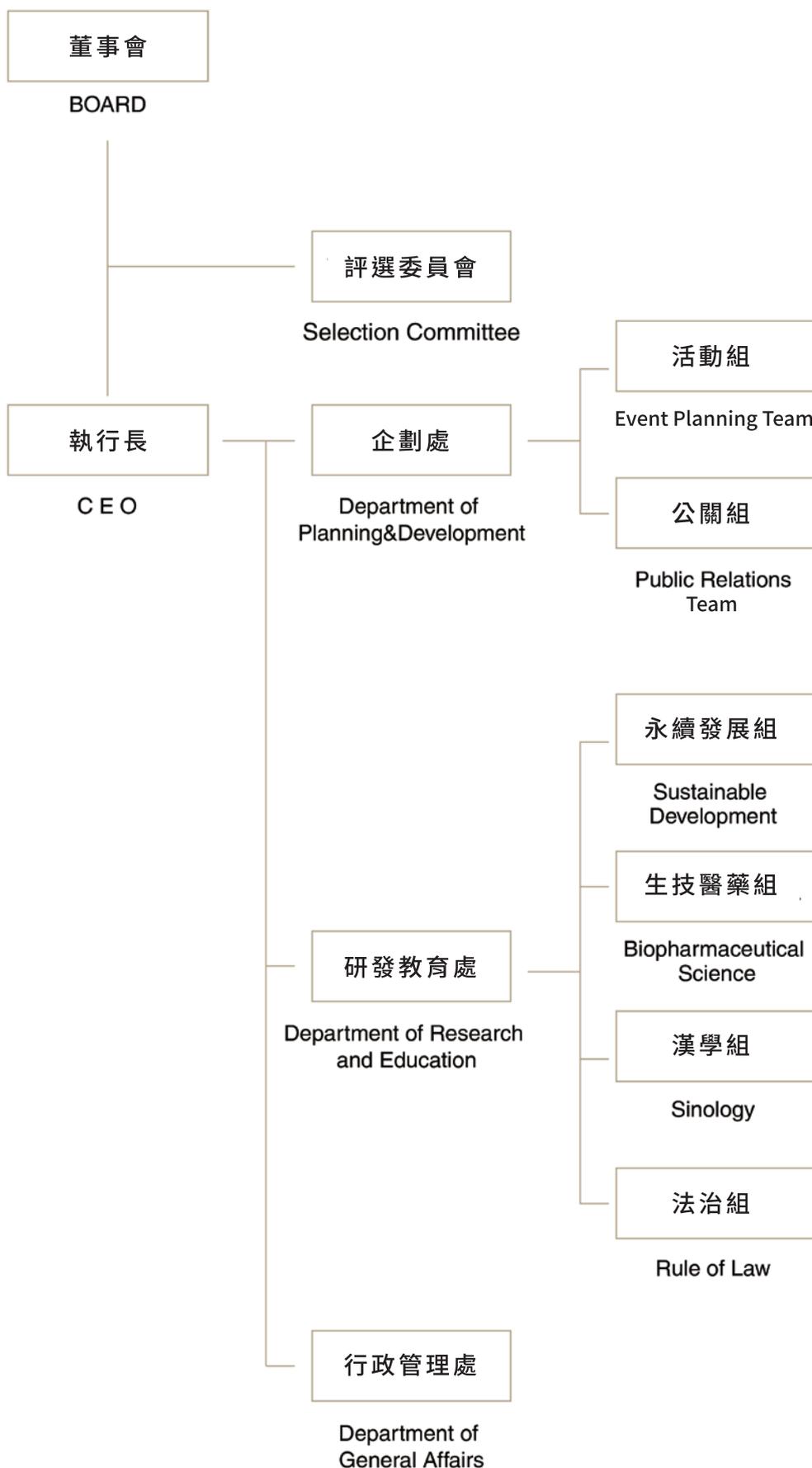
CEO, Tang Prize Foundation

陳振川
Jenn-Chuan
Chern

國立臺灣大學土木工程學系名譽教授
Emeritus Professor of Civil Engineering,
National Taiwan University

Organization Structure

基金會組織架構圖



Medal & Diploma

獎章與證書



唐獎獎章

Tang Prize Medal

唐獎獎章由日本設計師深澤直人 (Naoto Fukasawa) 設計，以9999 純金打造，總重 214 克。獎章上一體成型的螺旋曲線，象徵 DNA、螺旋星系及中國傳說中的龍，並藉以闡釋生命的力量與生命的動態。螺旋曲線由圓形構成，卻不會回到相同的原點，可藉以象徵歷史、成長、生命與知識追求的無限感。

獎章另以極現代性的手法，呈現「昇龍」與「降龍」的東方文化哲學，「昇龍」一詞用於表達某種力量不斷提昇的狀態，而「降龍」指龍從天而降，護佑斯土。在佛教的傳統中，「昇龍」亦有「上求菩提」的隱喻，乃僧侶們為求證悟而修行之意；「降龍」則指「下化眾生」，表示化育萬物，使之有情。

A fine work of art by Japanese designer Naoto Fukasawa, the Tang Prize medal is made of 99.99% pure gold and weighs 214 g. The medal and its shape are meant to evoke images of double-stranded DNA, a spiral galaxy, or a flying dragon. The spiral symbolizes life energy and conveys a sense of dynamic movement. In three dimensions, the spiral or helix curves in such a way as to never return to its starting point, a mathematical trait that embodies the infinite unraveling of history, growth, and life as well as mankind's endless pursuit of knowledge.

“Ascending dragon,” one of the cultural concepts behind the medal, expresses a state of increasing force, while “descending dragon” refers to the descent of the dragon from above to protect the land below. In Buddhism, “ascending dragon” is also a reference to the practice of supplication among monks in order to achieve enlightenment, while “descending dragon” represents that enlightenment is inherent in all life.



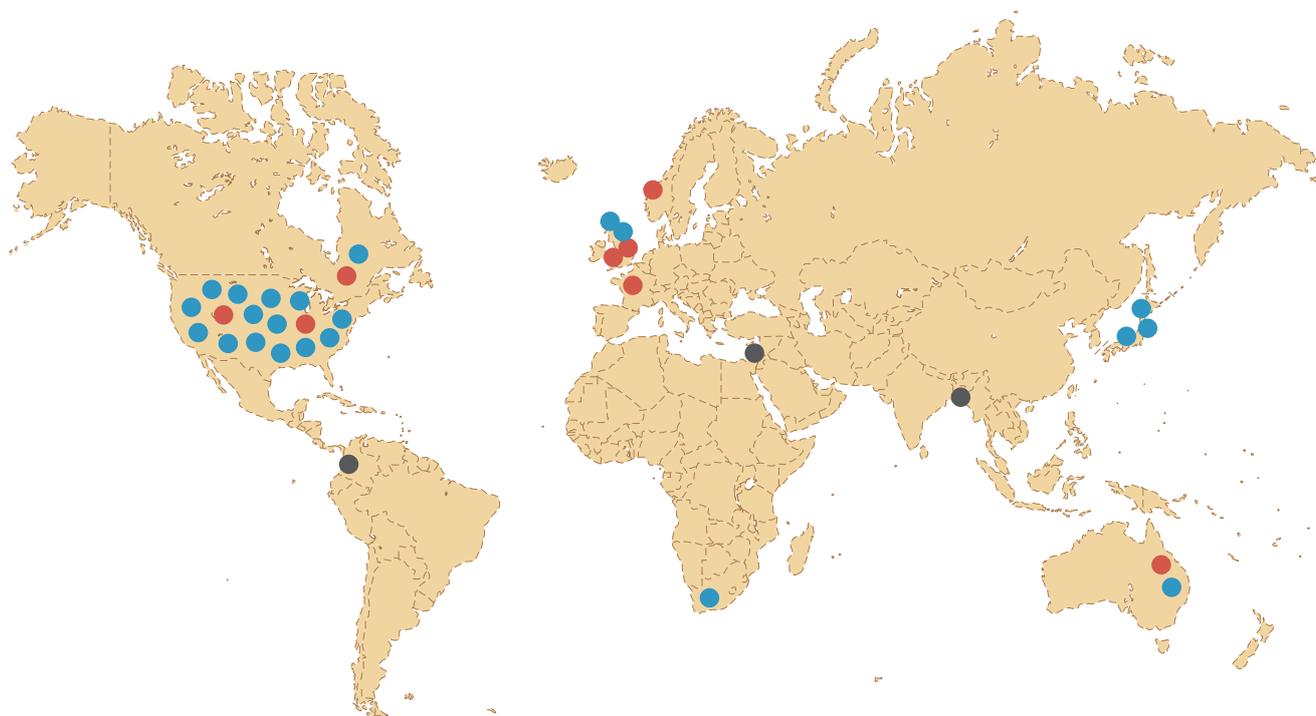
唐獎證書 Tang Prize Diploma

唐獎證書由屢獲國際設計大獎的華人女性大師—知本設計蔡慧貞總監操刀。她擅長以現代表現手法呈現東方美學意象，從業以來累積82座國際獎項，蔡總監唐獎證書設計概念，以古典哲學中，構成世界所有物質與能量的四大元素—水、地、風、火為視覺意象，隱喻四大獎項與人類生命福祉休戚與共。四大元素以抽象的形式匯聚成人類現存的世界實相且不斷演進著，也呼應著唐獎四大獎項，隨著時代變化，各自所切中關注的重要命題。

The 2020 Tang Prize diplomas were designed by Jennifer Tsai, managing and creative director of Proad Identity and an award-winning designer with 82 international trophies under her belt. She is known for adopting modern artistic techniques to manifest the essence of Eastern aesthetic imagery. The design of the four diplomas drew its inspiration from what ancient Greek philosophers believed to be the building blocks of our universe—water, earth, wind and fire. They were employed by Ms. Tsai to suggest the interconnectedness between the Tang Prize's four award categories and the wellbeing of humanity. Through intangible ways, the four elements converged and formed the reality as we know it today. The changing nature of this reality also corresponds to the changing nature of the four award categories, which keep evolving in order to address different needs of different eras.

Tang Prize: A Decade of Excellence

唐獎十周年成果



● 男性 ● 女性 ● 非營利組織

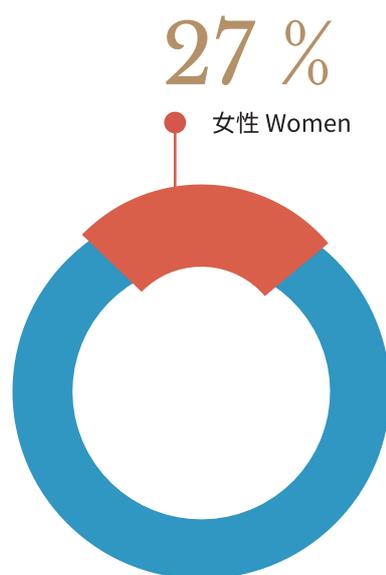
五屆唐獎共誕生33位唐獎得主，來自全球6大洲12個國家，其中包含3個非營利組織。

A total of 33 laureates from 6 continents and 12 countries, of which 3 are NGOs.

- 美國 USA
- 英國 UK
- 日本 Japan
- 澳大利亞 Australia
- 挪威 Norway
- 南非 South Africa
- 法國 France
- 加拿大 Canada
- 孟加拉 Bangladesh
- 哥倫比亞 Colombia
- 黎巴嫩 Lebanon
- 匈牙利 Hungary

■ 歷屆得主中，唐獎獲獎者女性佔27%

Of the existing laureates, 27% are women.



2022年，唐獎迎來成立十周年，五屆唐獎共誕生33位來自來自美、英、日、法、挪威、匈牙利、加拿大、澳洲、南非、孟加拉、哥倫比亞及黎巴嫩等全球6大洲12個國家的唐獎得主(含3個NGO)。

其中，8位女性得主佔全體個人得主比例達27%，遠超過諾貝爾獎的6%。

值得一提的是唐獎五屆「生技醫藥獎」得主中有三屆：2014年的詹姆斯·艾利森博士及日本的本庶 佑博士、2016年的珍妮佛·道納博士及伊曼紐·夏彭提耶博士，2022年的卡塔林·卡里科(Katalin Kariko)、德魯·魏斯曼(Drew Weissman)，更於得獎1~4年後再獲諾貝爾獎肯定。

為了讓更多青年學子認識唐獎得主對世界的貢獻，激勵他們見賢思齊，像得主般追求知識與真理，讓世界變得更美好，自2014年至2022年，唐獎共舉辦49場校園講座，所舉辦之高中創意競賽共有24校參加。

十年來，透過每屆成功遴選出對世界具有創新實質貢獻及影響力的得主以及一步一腳印地努力耕耘，唐獎已從一個新創設獎變成國際專業人士及組織均認同的世界學術大獎！

The Tang Prize turned 10 years old in 2022. In the first decade of its history, the prize has been awarded to 30 individuals and three NGOs in five award ceremonies. The laureates hail from 12 countries located in 6 continents, including the USA, the UK, Japan, France, Norway, Hungary, Canada, Australia, South Africa, Bangladesh, Colombia, and Lebanon.

Among them, 8 are women. They account for 27% of all Tang Prize laureates, a figure that significantly exceeds the 6% achieved by the Nobel Prize.

It's worth noting that during five Tang Prize award cycles, three pairs of laureates in Biopharmaceutical Science, Dr. James Allison and Professor Tasuku Honjo, awarded in 2014; Dr. Jennifer Doudna and Dr. Emmanuelle Charpentier, awarded in 2016; and Dr. Katalin Kariko and Dr. Drew Weissman, awarded in 2022, were honored with the Nobel Prize between one to four years after receiving the Tang Prize.

From 2014 to 2022, the Tang Prize Foundation held 49 campus talks and organized the Innovation in High School Contest, with in total 24 schools taking part, to help more students understand its laureates' contributions while encouraging them to follow in the laureates' footsteps, to pursue knowledge and truth so as to make the world a better place.

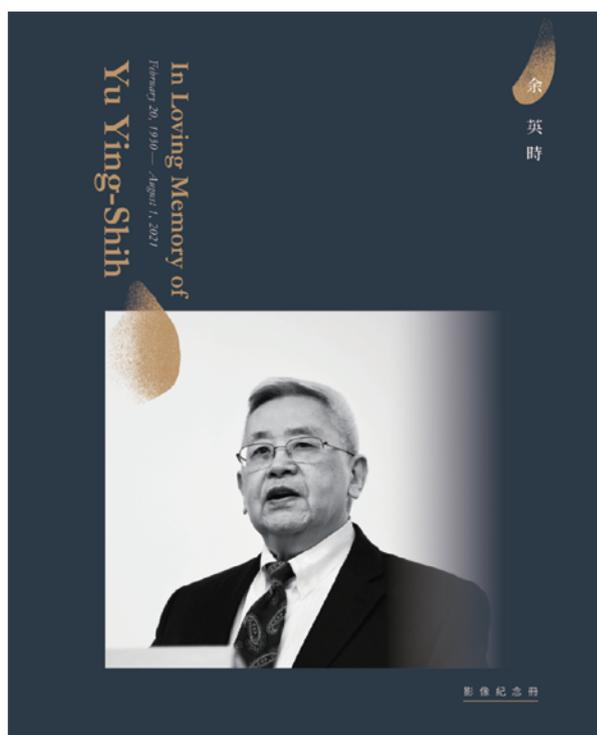
During the past ten years, through selecting laureates who have influenced and made substantive contributions to the world with persistent and dedicated efforts, the Tang Prize has grown from a newly established award to an international academic award recognized by professionals and organizations around the globe.

Publications

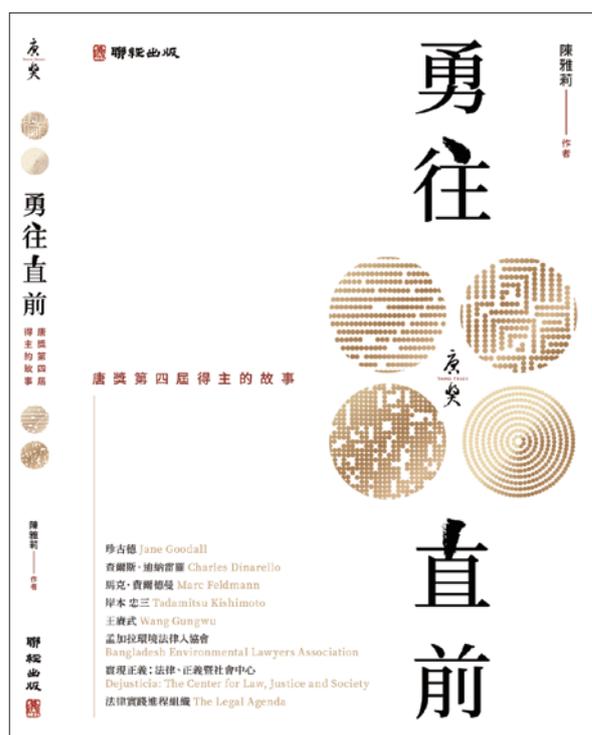
出版品



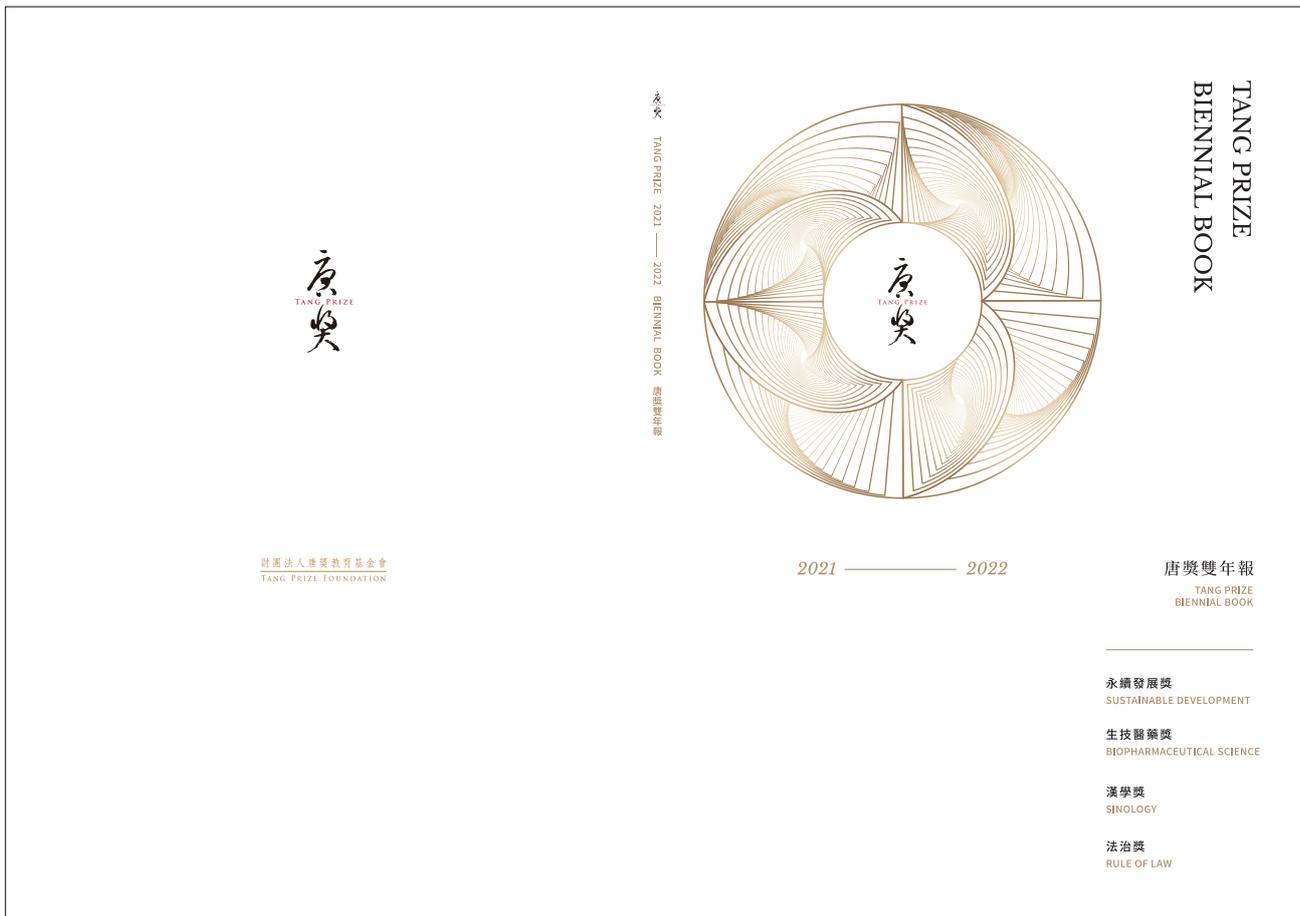
十周年紀念悠遊套卡 Tang Prize 10th Anniversary Commemorative EasyCard Set



余英時影像紀念冊
In Loving Memory of Yu Ying-shih



第四屆唐獎得主電子專書
Digital Biography of 2020 Tang Prize Laureates



第五屆雙年報 2021-2022 Tang Prize Biennial Book



1



2



3



4



5



6

慶唐獎十年獻五紀實影片 5 Documentaries that Celebrate the Tang Prize's 10th Anniversary

- | | |
|--|--|
| <p>1 60分鐘節目「唐獎十年 卓越永續」
Excellence and Sustainability: Ten Years of the Tang Prize</p> <p>2 唐獎得主專題影片「悲天憫人的永續舵手」
Leading Sustainable Development with Compassion</p> <p>3 唐獎得主專題影片「為無聲之物發聲」
Giving Voice to Mute Objects</p> | <p>4-5 唐獎得主專題影片「mRNA疫苗的救世之路」
Saving the World with mRNA Vaccines</p> <p>6 唐獎得主專題影片「亞太立憲的領航者」
Advancing Constitution-Building in the Asia-Pacific</p> |
|--|--|

Timeline

大事紀

2022

- 12月** ————— **17**
Dec
- 唐獎行銷策略與推廣的成功關鍵要素校園演講—台北大學
Campus talk, “Key to the Success in Promoting the Tang Prize,” at National Taipei University
- 14**
西北大學台灣同學會來訪
Members of the Northwestern University Alumni Club in Taiwan visit the Tang Prize Foundation
- 12月10** ————— **12月25**
Dec Dec
- 慶唐獎十年獻五紀實影片
「60分鐘節目—唐獎十年 卓越永續」、「悲天憫人的永續舵手」、「mRNA疫苗的救世之路」、「為無聲之物發聲」、「亞太立憲的領航者」
Premiere of 5 documentaries to celebrate the 10th anniversary of the Tang Prize: “Excellence and Sustainability: Ten Years of the Tang Prize,” “Leading Sustainable Development with Compassion,” “Saving the World with mRNA Vaccines,” “Giving Voice to Mute Objects,” and “Advancing Constitution-Building in the Asia-Pacific”
- 11月** ————— **16**
Nov
- 世界的唐獎—21世紀永續發展的推手校園演講—高雄科技大學
Campus talk, “The Global Tang Prize—Driving Sustainable Development in the 21st Century,” at National Kaohsiung University of Science and Technology
- 11**
創辦人尹衍樑總裁榮膺工研院院士
Dr. Samuel Yin elected Laureate of Taiwan’s Industrial Technology Research Institute (ITRT)
- 11**
第四屆生技醫藥獎得主岸本忠三於第14屆國際細胞生物學聯合會暨第9屆亞太細胞生物學組織—聯合會議發表演說
2020 Tang Prize laureate in Biopharmaceutical Science Dr. Tadimitsu Kishimoto delivers an online speech at 14th ICCB& APOCB Joint Meeting
- 10**
世界的唐獎—21世紀永續發展的推手校園演講—海洋大學
Campus talk, “The Global Tang Prize—Driving Sustainable Development in the 21st Century,” at National Taiwan Ocean University
- 07**
「勇往直前：唐獎第四屆得主的故事」電子書上線
Launch of the e-book, *Brave All Adversities: 2020 Tang Prize Laureates*
- 11月05** ————— **2024 11月03**
Nov Nov
- 唐獎榮耀·十週年展覽開幕—高雄科學工藝博物館
Tang Prize 10th Anniversary Exhibition opens at the National Science and Technology Museum in Kaohsiung
- 01**
美國加州大學柏克萊分校呂淳祺院長來訪
Dr. Michael Liu, dean of the UC Berkeley School of Public Health, visits the Tang Prize Foundation

- 10 月** ————— **13**
Oct
- 世界的唐獎—21世紀永續發展的推手校園演講—中興大學
Campus talk, “The Global Tang Prize—Driving Sustainable Development in the 21st Century,” at National Chung Hsing University
- 09 月** ————— **29**
Jul
- 第五屆永續獎得主傑佛瑞·薩克斯線上參與台大風險社會與政策研究中心舉辦之論壇
2022 Tang Prize laureate in Sustainable Development Professor Jeffrey Sachs participates via video link in a forum held by the Risk Society and Policy Research Center, National Taiwan University
- 28** 唐獎大師論壇生醫場2—清華大學
Tang Prize Masters’ Forum for Biopharmaceutical Science II at National Tsing Hua University
- 27** 第五屆永續獎得主傑佛瑞·薩克斯在「2022年臺灣歐盟環境與科技論壇：再生能源及永續交通」論壇上發表演說
2022Tang Prize laureate in Sustainable Development Professor Jeffrey Sachs delivers an online speech at 2022 Europe-Taiwan Forum on Environment and Science: Renewable Energy & Sustainable Transportation
- 26** 唐獎大師論壇永續場—成功大學
2022 Tang Prize Masters’ Forum for Sustainable Development at National Cheng Kung University
- 21** 唐獎大師論壇漢學場—台灣大學
2022 Tang Prize Masters’ Forum for Sinology at National Taiwan University
- 20** 唐獎大師論壇生醫場1—台北醫學大學
2022 Tang Prize Masters’ Forum for Biopharmaceutical Science I at Taipei Medical University
- 19** 唐獎大師論壇法治場—台灣大學
2022 Tang Prize Masters’ Forum for Rule of Law at National Taiwan University
- 09 月 01** ————— **10 月 30**
Sep Oct
- 唐獎榮耀·十週年展覽—中正紀念堂
Tang Prize 10th Anniversary Exhibition on view in the National Chiang Kai-shek Memorial Hall
- 01** 唐獎榮耀·十週年展開幕記者會
Opening ceremony of the Tang Prize 10th Anniversary Exhibition
- 07 月** ————— **12**
Jul
- 台北政經學院黃煌雄董事長來訪
Chairman of the Taipei School of Economics and Politics Huang Huang-hsiung visits the Tang Prize Foundation

Timeline

大事紀

2022

06 月 ————— 23
Jun

歐洲在台商務協會來訪
Representatives of the European Chamber of Commerce Taiwan visit the Tang Prize Foundation

21 第五屆唐獎得獎人公布記者會—法治獎
Announcement of the recipient of the 2022 Tang Prize in Rule of Law

20 第五屆唐獎得獎人公布記者會—漢學獎
Announcement of the recipient of the 2022 Tang Prize in Sinology

19 第五屆唐獎得獎人公布記者會—生技醫藥獎
Announcement of the recipients of the 2022 Tang Prize in Biopharmaceutical Science

18 第五屆唐獎得獎人公布記者會—永續發展獎
Announcement of the recipient of the 2022 Tang Prize in Sustainable Development

04 月 ————— 12
Apr

台灣醫學設計學會來訪
Representatives of the Medical Design Association at Taiwan visit the Tang Prize Foundation

03 月 ————— 22
Mar

中聯資源股份有限公司來訪
Representatives of the CHC Resources Corp. visit the Tang Prize Foundation

16 MIT台灣校友會來訪
Representatives of the MIT Club of Taiwan visit the Tang Prize Foundation

2021

12 月 ————— 29
Dec

本源教育基金會來訪
Representatives of the Lim Pen-Yuan Cultural and Educational Foundation visit the Tang Prize Foundation

11 月 ————— 27
Nov

第四屆生技醫藥獎得主於第十四屆亞太國際藥理學會議發表線上得獎人演說
2020 Tang Prize laureates in Biopharmaceutical Science deliver the Tang Prize Laureate's Lecture online at 2021 APFP

26 第一屆生技醫藥獎得主本庶 佑於第十四屆亞太國際藥理學會議發表線上演說
Professor Tasuku Honjo, 2014 Tang Prize laureate in Biopharmaceutical Science, delivers the Nobel Lecture online at 2021 APFP

11 月 Nov	20	唐獎第四屆線上得獎人演講 2020 Tang Prize Laureates' Lectures held online
	20	唐獎第四屆線上頒獎典禮 2020 Tang Prize Award Ceremony held online
	19	第三屆生醫獎得主東尼·杭特於台灣國際創新生物醫學峰會發表線上演說 Dr. Tony Hunter, 2018 Tang Prize laureate in Biopharmaceutical Science, delivers an online lecture at the 1st International Conference on Advanced Biomedical Sciences held in Taiwan
10 月 Oct	01	第四屆永續得主珍古德榮登10月份《TIME時代雜誌》封面人物 2020 Tang Prize laureate in Sustainable Development Dr. Jane Goodall appears on the cover of the October issue of TIME magazine
08 月 Aug	11	珍古德國際協會「亞洲保育計畫」與唐獎簽署MOA Signing of the 2020 Tang Prize laureate in Sustainable Development Dr. Jane Goodall's grant project, "Conservation Projects of Asia"
07 月 Jul	23	唐獎第四屆生醫獎得主在BioAsia談論細胞激素研究及未來應用 2020 Tang Prize laureates in Biopharmaceutical Science talk about cytokine research and its future applications at 2021 Bio Asia-Taiwan
06 月 Jun	24	第四屆生醫獎得主岸本忠三開發之生物製劑藥物安挺樂獲得美國FDA緊急授權使用治療COVID-19病人 Actemra® (tocilizumab), developed by 2020 Tang Prize laureate Dr. Tadimitsu Kishimoto, receives an Emergency Use Authorization by the US FDA to treat COVID-19
04 月 Apr	27	第三屆生醫獎得主東尼·杭特於實驗生物學國際組織大會發表線上唐獎講座演說 Dr. Tony Hunter, 2018 Tang Prize laureate in Biopharmaceutical Science, gives a Tang Prize Lecture online at EB 2021
03 月 Mar	24	第二屆唐獎法治獎得主路易絲·阿爾布爾獲頒美國國際法學會2021年 Goler T. Butcher獎。 Madame Justice Louise Arbour, 2016 Tang Prize laureate in Rule of Law, awarded the 2021 Goler T. Butcher Medal
	19	創辦人獲選國際工程院(International Academy of Engineering, 簡稱IAE)榮譽院長 Dr. Samuel Yin elected the first Honorary President of the International Academy of Engineering (IAE)
	05	世界的唐獎—21世紀永續發展的推手校園演講—臺灣大學高分子科學與工程學研究所 Campus talk, "The Global Tang Prize—Driving Sustainable Development in the 21st Century," at the Institute of Polymer Science and Engineering, National Taiwan University
02 月 04 Feb	10 月 23 Oct	「唐獎榮耀展」開幕—高雄科學工藝博物館 Tang Prize Laureate & Diploma Exhibition opens at the National Science and Technology Museum in Kaohsiung

TANG PRIZE
2021-2022
BIENNIAL BOOK

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唐獎雙年報

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