



World Laureates Forum

Science and Technology, for the Common Destiny of Mankind

Executive Committee

Chairman:

Roger Kornberg

Vice-Chairman:

Steven Chu

Michael Levitt

Randy Schekman

Hou Wang

Steering Committee

Serge Haroche

Ada Yonath

Eric Maskin

Frank Wilczek

Aaron Ciechanover

Barry Sharpless

Erwin Neher

Kurt Wüthrich

The 4th World Laureates Forum Application Invitation

The World Laureates Forum (WLF) is the highest-profile scientific conference in Asia and the foremost global scientific gathering of prize-winners, including laureates of the Nobel Prize, Wolf Prize, Lasker Award, Turing Award, MacArthur Fellowship and Fields Medal. Held under the vision **“Science and Technology for the Common Destiny of Mankind”**, the Forum aims to “Promote Basic Science, Advocate for International Cooperation and an Open Exchange of Ideas, and Support the Development of Youth”.

The World Laureates Association (WLA) initiated the inaugural forum in 2018, Shanghai China. For three consecutive years, participants have grown from 35 world laureates (26 Nobel Prize winners) in 2018, to 65 laureates (44 of Nobel) in 2019, to 137 world laureates (61 of Nobel) and over 200 young scientists in 2020. Young scientists and researchers were placed greater importance as the Forum develops.

As the global leading institute, we would like to invite 2-3 PhD students or postdoctoral fellows from your organization in joining the 4th World Laureates Forum (WLF), which will be held in Shanghai, China on October 30th - November 3rd, 2021. The forum will serve as an exchange and communication platform to support and encourage young researchers worldwide to establish a global vision, and immerse into scientific exploration.





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Specific Requirements for applicants:

- PhD students or postdoctoral fellows
- Have made outstanding achievements in their own respective areas
- Published papers on top journals in their own respective areas
- Applicants of Young Scientists/Researchers Awards are preferred

WLF will provide a stage for the young investigators to display and exchange ideas, including:

- E-Poster display (hence the opportunity to be reviewed and commented by laureates)
- Various seminars and themed sessions during the forum (will have the opportunity to join the discussions)

As young investigators, they can:

- Communicate with science masters (including Nobel Laureates) freely
- Fully demonstrate your academic achievements, talents and innovative ideas

The finalists from various disciplines around the world will be provided with economic class round trip tickets that cost no more than 1,000 US dollars. Local expenses will be covered by the WLF Organizing Committee. If selected, the young investigator will receive a **confirmed invitation by September 30th**.





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We look forward to applications and recommendations from your organization. If anyone from your organization is interested, please ask him/her to **send us the following documents for selection before September 20th, 2021:**

- CV (required, template as attached)
- A profile photo (required, high resolution)
- Two recommendation letters (optional)
- A short video to introduce yourself (optional)
 - a. Duration: within 2 minutes
 - b. Layout: horizontal version (if shoot with mobile phone, please place the phone horizontally)
 - c. Format: Any common video format (AVI \ MOV \ RMVB \ FLV \ MP4 \ MPEG)
 - d. Resolution: The clearer the better (4K is the best)
 - e. Content: Unlimited

Your support is greatly appreciated!

Contact: Yujing Jin (Carol)

Scientist Support

Email: jinyujing@wlaforum.com.cn

Address: Room 501, New Caohejing International Business Center B, 391 Guiping Road, Xuhui District, Shanghai, China






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Roger Kornberg 
Chairman of the World Laureates Association

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Steven Chu 

Michael Levitt 

Randy Schekman 

Vice-Chairmen of the World Laureates Association

WANG Hou 

Secretary General of the World Laureates Association

World Laureates Association

September 2nd, 2021





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Frank Wilczek

Aaron Ciechanover

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Erwin Neher

Kurt Wüthrich

Annex

CV Template

Name:

Date of Birth

Personal Summary: Winzer Professor in Medicine, Stanford University, former Scientific Advisor to the Russian President and the Bush family. He was awarded the 2006 Nobel Prize in Chemistry for his studies of the "molecular basis of the transcription of eukaryotes".

Education and Work Experience:

1972, Ph.D., Stanford University

1976-1978, Assistant Professor of the Department of Biological Chemistry of Harvard Medical School

1978-Present, Professor of the Department of structural Biology, Stanford University School of Medicine

Awards and Honors:

1993, Member of National Academy of Sciences of the United States

1999, Fellow of the American Academy of Arts and Sciences

2001, Welch Awarder, the highest prize in the American chemical industry

2006, Nobel Prize in Chemistry

Major Academic Achievements:

Professor Kornberg discovered that the nucleosome, the basic unit of chromosomal DNA organization in the eukaryotic nucleus. He and Prof. Yahli Lorch showed that the nucleosome on a promoter prevents the





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Kurt Wüthrich

initiation of DNA transcription, establishing the role of the nucleosome as a gene repressor, fundamental to the new field of epigenetics. Professor Kornberg solved the three-dimensional structure of RNA polymerase by, X-ray diffraction, both alone and in the form of an actively transcribing complex, containing gene DNA and product RNA. Professor Kornberg discovered the molecular basis for the regulation of transcription by gene activator and repressor proteins. His research laid a foundation for understanding the differentiation of stem cells and the mechanisms of human diseases and other important medical problems.

List Five Representative Academic Publications:





世界顶尖科学家论坛

SCIENCE AND TECHNOLOGY FOR THE COMMON DESTINY OF MANKIND

科技, 为了人类共同命运

A Global Platform for Cooperation and Exchange on Scientific and Technological Innovation

具有国际影响力的科技创新与交流合作平台

Forum Overview

论坛简介

Asia's highest-level international science feast

The world's most attended annual scientific conference for world laureates

亚洲地区最高规格的国际科学盛会

全球顶尖科学家出席人数最多的年度科学会议

CONTENTS

01

Forum Overview
论坛概述

02

Forum Highlights
论坛亮点

03

Core Achievements
论坛成果



01

Forum Overview

论坛概述



Science Knows No Boundaries.

Basic science research may be the only solution to future challenges.
To cultivate more excellent young scientists all over the world.

科学无国界

科学的基础研究可能是解决未来难题的唯一途径
在全球范围培养更多、更优秀的青年科学家



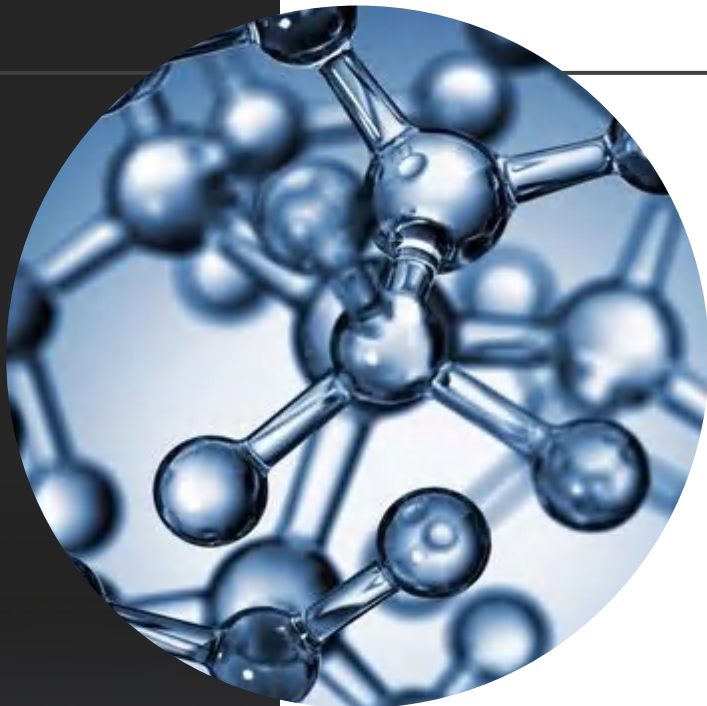
Roger Kornberg

罗杰·科恩伯格

Chairman of the World Laureates Association
世界顶尖科学家协会主席

Science and Technology for the Common Destiny of Mankind

科技, 为了人类共同命运



Forum Mission

论坛使命

**Promote
Basic
Science**

推动基础科学

**Advocate for
International
Cooperation**

倡导国际合作

**Committed to the
Development of
Youth**

扶持青年成长



In **2018**, the 1st WLF attended
by 35 world laureates

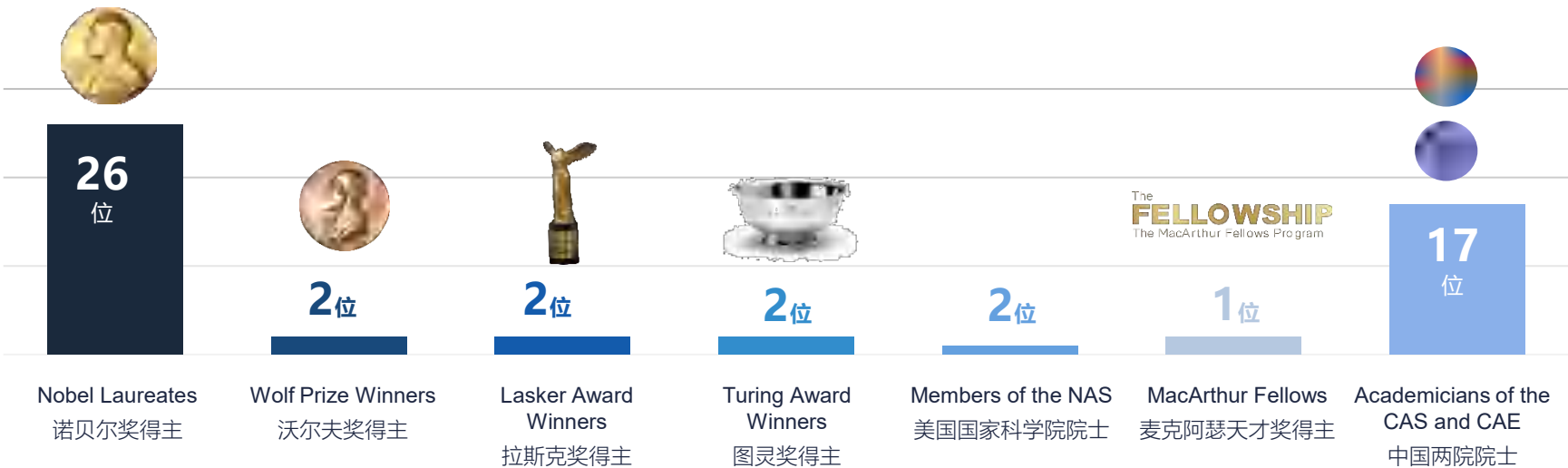
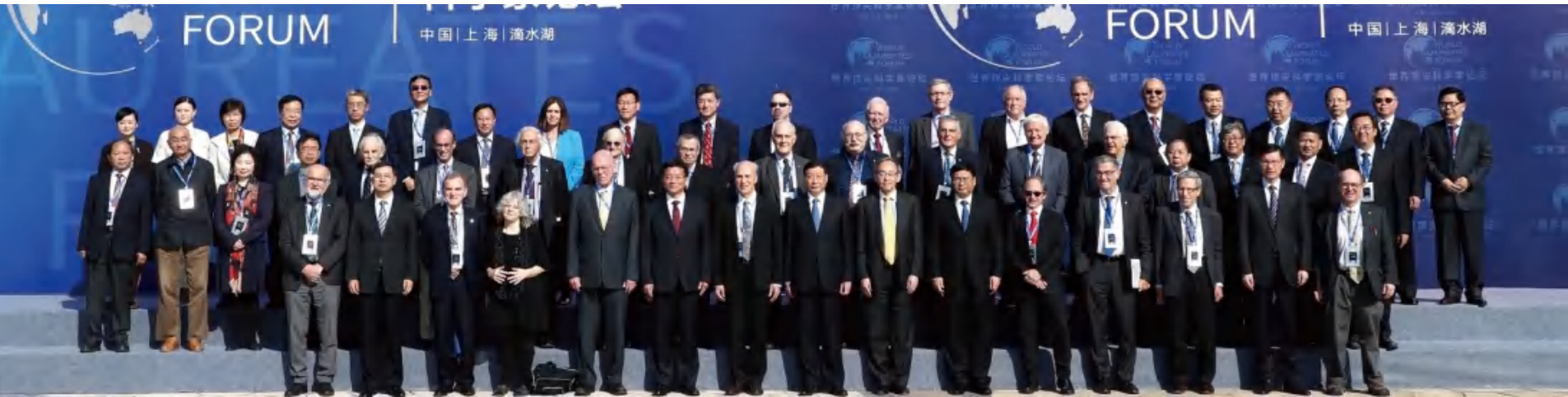
2018年, 首届论坛吸引了全球35位顶尖科学家

In **2018**, the 1st WLF attended
by **35** world laureates

2018年, 首届论坛吸引了全球35位顶尖科学家

Nearly **30**
Outstanding Young
Scientists at Home
and Abroad
近 30 位中外杰出青年科学家

200+
Excellent Young
Teachers from
Universities
200+位高校优秀青年教师



In 2018, the 1st WLF attended by 35 world laureates



Nobel Prize (26)

1. **Roger Kornberg**, 2006 Nobel Prize in Chemistry
2. **Steven Chu**, 1997 Nobel Prize in Physics
3. **Michael Levitt**, 2013 Nobel Prize in Chemistry
4. **Randy Schekman**, 2013 Nobel Prize in Physiology or Medicine
5. **Serge Haroche**, 2012 Nobel Prize in Physics
6. **Ada Yonath**, 2009 Nobel Prize in Chemistry
7. **Eric Maskin**, 2007 Nobel Prize in Economics
8. **Frank Wilczek**, 2004 Nobel Prize in Physics
9. **Barry Sharpless**, 2001 Nobel Prize in Chemistry
10. **Erwin Neher**, 1991 Nobel Prize in Physiology or Medicine
11. **Joachim Frank**, 2017 Nobel Prize in Chemistry
12. **Duncan Haldane**, 2016 Nobel Prize in Physics
13. **William Moerner**, 2014 Nobel Prize in Chemistry
14. **Stefan Hell**, 2014 Nobel Prize in Chemistry
15. **Edvard Moser**, 2014 Nobel Prize in Physiology or Medicine
16. **May-Britt Moser**, 2014 Nobel Prize in Physiology or Medicine
17. **Arieh Warshel**, 2013 Nobel Prize in Chemistry
18. **Adam Riess**, 2011 Nobel Prize in Physics
19. **Dan Shechtman**, 2011 Nobel Prize in Chemistry
20. **Thomas Sargent**, 2011 Nobel Prize in Economics
21. **Harald zur Hausen**, 2008 2013 Nobel Prize in Physiology or Medicine
22. **David Gross**, 2004 Nobel Prize in Physics
23. **Finn Kydland**, 2004 Nobel Prize in Economics
24. **Kurt Wüthrich**, 2002 Nobel Prize in Chemistry

25. **Joseph Taylor Jr.**, 1993 Nobel Prize in Physics
26. **Robert Huber**, 1988 Nobel Prize in Chemistry



Wolf Prize (2)

27. **Allen Bard**, 2008 Wolf Prize in Chemistry
28. **Alexander Levitzki**, 2005 Wolf Prize in Medicine



Lasker Award (2)

29. **Bruce Alberts**, 2016 Lasker~Koshland Special Achievement Award in Medical Science
30. **Ronald Vale**, 2012 Albert Lasker Basic Medical Research Award



Turing Award (2)

31. **Martin Hellman**, 2015 A.M. Turing Award
32. **Shafi Goldwasser**, 2012 A.M. Turing Award



MacArthur Fellowship (1)

33. **Jin-Quan Yu**, 2016 MacArthur Genius Grant

Member of NAS (2)

34. **Zhi-Xun Shen**, Member of the United States National Academy of Sciences
35. **Shoucheng Zhang**, Member of the United States National Academy of Sciences



In **2019**, the 2nd WLF attended
by **65 world laureates**

2019年, 第二届论坛吸引了全球65位顶尖科学家

In **2019**, the 2nd WLF attended by **65** world laureates

2019年, 第二届论坛吸引了全球65位顶尖科学家

Nearly **200**

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近 200 位中外杰出青年科学家

2000+

Excellent Young
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2000+位高校优秀青年教师

第二届世界顶尖科学家论坛 | WLA 2ND ANNUAL FORUM



In 2019, the 2nd WLF attended by 65 world laureates

Nobel Prize (44)

1. **Roger Kornberg**, 2006 Nobel Prize in Chemistry
2. **Steven Chu**, 1997 Nobel Prize in Physics
3. **Michael Levitt**, 2013 Nobel Prize in Chemistry
4. **Randy Schekman**, 2013 Nobel Prize in Physiology or Medicine
5. **Ryoji Noyori**, 2001 Nobel Prize in Chemistry
6. **Venkatraman Ramakrishnan**, 2009 Nobel Prize in Chemistry
7. **Serge Haroche**, 2012 Nobel Prize in Physics
8. **Ada Yonath**, 2009 Nobel Prize in Chemistry
9. **Frank Wilczek**, 2004 Nobel Prize in Physics
10. **Aaron Ciechanover**, 2004 Nobel Prize in Chemistry
11. **Barry Sharpless**, 2001 Nobel Prize in Chemistry
12. **Erwin Neher**, 1991 Nobel Prize in Physiology or Medicine
13. **Kurt Wüthrich**, 2002 Nobel Prize in Chemistry
14. **William Kaelin Jr.**, 2019 Nobel Prize in Physiology or Medicine
15. **Gregg Semenza**, 2019 Nobel Prize in Physiology or Medicine
16. **Michel Mayor**, 2019 Nobel Prize in Physics
17. **Didier Queloz**, 2019 Nobel Prize in Physics
18. **Joachim Frank**, 2017 Nobel Prize in Chemistry
19. **Michael Young**, 2017 Nobel Prize in Physiology or Medicine
20. **Michael Rosbash**, 2017 Nobel Prize in Physiology or Medicine
21. **Barry Barish**, 2017 Nobel Prize in Physics
22. **Michael Kosterlitz**, 2016 Nobel Prize in Physics
23. **Duncan Haldane**, 2016 Nobel Prize in Physics
24. **Yoshinori Ohsumi**, 2016 Nobel Prize in Physiology or Medicine
25. **Edvard Moser**, 2014 Nobel Prize in Physiology or Medicine
26. **May-Britt Moser**, 2014 Nobel Prize in Physiology or Medicine
27. **Arieh Warshel**, 2013 Nobel Prize in Chemistry

28. **Sir John Gurdon**, 2012 Nobel Prize in Physiology or Medicine
29. **Adam Riess**, 2011 Nobel Prize in Physics
30. **Dan Shechtman**, 2011 Nobel Prize in Chemistry
31. **Thomas Sargent**, 2011 Nobel Prize in Economics
32. **Akira Suzuki**, 2010 Nobel Prize in Chemistry
33. **Andre Geim**, 2010 Nobel Prize in Physics
34. **Christopher Pissarides**, 2010 Nobel Prize in Economics
35. **George Smoot III**, 2006 Nobel Prize in Physics
36. **Robert Aumann**, 2005 Nobel Prize in Economics
37. **David Gross**, 2004 Nobel Prize in Physics
38. **Finn Kydland**, 2004 Nobel Prize in Economics
39. **Avram Hershko**, 2004 Nobel Prize in Chemistry
40. **Gerard 't Hooft**, 1999 Nobel Prize in Physics
41. **Joseph Taylor Jr.**, 1993 Nobel Prize in Physics
42. **Robert Huber**, 1988 Nobel Prize in Chemistry
43. **Jean-Marie Lehn**, 1987 Nobel Prize in Chemistry
44. **Sheldon Lee Glashow**, 1979 Nobel Prize in Physics

Wolf Prize (5)

45. **Stephen Buchwald**, 2019 Wolf Prize in Chemistry
46. **John Hartwig**, 2019 Wolf Prize in Chemistry
47. **David Zilberman**, 2019 Wolf Prize in Agriculture
48. **Chi-Huey Wong**, 2014 Wolf Prize in Chemistry
49. **Harris Lewin**, 2011 Wolf Prize in Agriculture



Lasker Award (4)

50. **Michael Grunstein**, 2018 Albert Lasker Basic Medical Research Award

51. **Peter Walter**, 2014 Albert Lasker Basic Medical Research Award
52. **Ronald Vale**, 2012 Albert Lasker Basic Medical Research Award
53. **Michael Sheetz**, Albert Lasker Basic Medical Research Award



Turing Award (3)

54. **Martin Hellman**, 2015 Turing Award
55. **Leslie Valiant**, 2010 Turing Award
56. **Joseph Sifakis**, 2007 Turing Award



MacArthur Fellowship (3)

57. **Jin-Quan Yu**, 2016 MacArthur Fellowship
58. **Yang Peidong**, 2015 MacArthur Fellowship
59. **Phil Baran**, 2013 MacArthur Fellowship



Fields Medal (3)

60. **Caucer Birkar**, 2018 Fields Medal
61. **Alessio Figalli**, 2018 Fields Medal
62. **Sir Timothy Gowers**, 1998 Fields Medal

Distinguished Scientists (3)

63. **Xiaoliang Sunney Xie**, 2015 Albany Prize in Medicine
64. **Hongjie Dai**, 2006 the American Physical Society's APS James C. McGroddy Prize for New Materials
65. **Gero Miesenbock**, 2019 Warren Alpert Foundation Prize



In **2020**, the 3rd WLF attended
by 137 world laureates

2020年, 第三届论坛吸引了全球137位顶尖科学家

In **2020**, the 3rd WLF attended by **137** world laureates

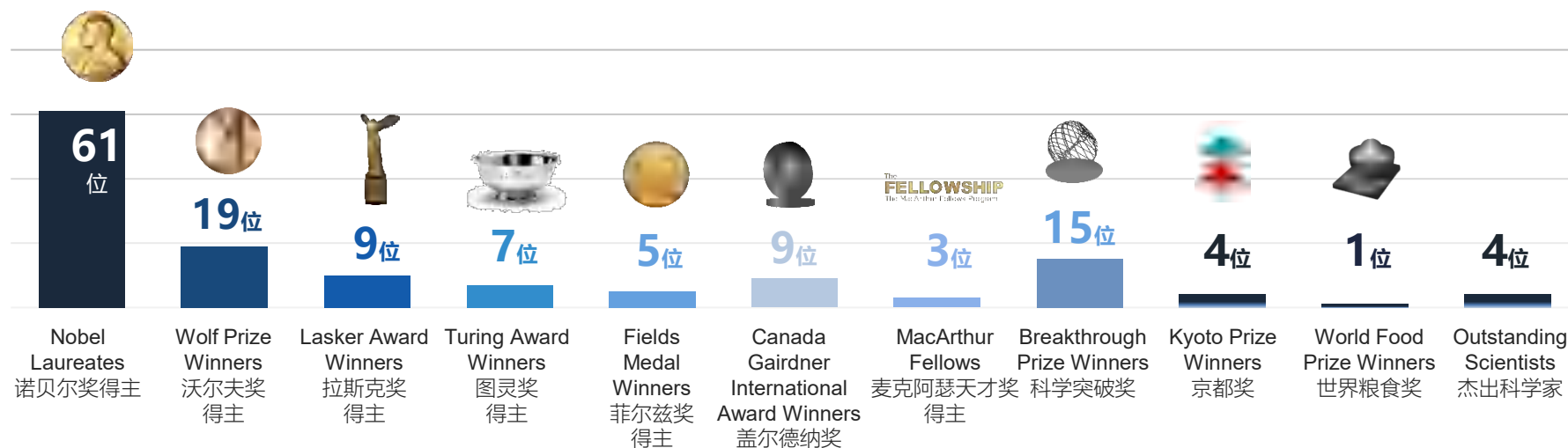
2020年, 第三届论坛吸引了全球137位顶尖科学家

Nearly **200**
Outstanding Young
Scientists at Home
and Abroad

近 200 位中外杰出青年科学家

2000+
Guests

2000+位参会嘉宾



In 2020, the 3rd WLF attracted 137 world laureates

Nobel Prize (61)

1. **Roger Kornberg**, 2006 Nobel Prize in Chemistry
2. **Steven Chu**, 1997 Nobel Prize in Physics
3. **Michael Levitt**, 2013 Nobel Prize in Chemistry
4. **Randy Schekman**, 2013 Nobel Prize in Physiology or Medicine
5. **Ryoji Noyori**, 2001 Nobel Prize in Chemistry
6. **Venki Ramakrishnan**, 2009 Nobel Prize in Chemistry
7. **Serge Haroche**, 2012 Nobel Prize in Physics
8. **Ada Yonath**, 2009 Nobel Prize in Chemistry
9. **Eric Maskin**, 2007 Nobel Prize in Economics
10. **Aaron Ciechanover**, 2004 Nobel Prize in Chemistry
11. **Frank Wilczek**, 2004 Nobel Prize in Physics
12. **Kurt Wüthrich**, 2002 Nobel Prize in Chemistry
13. **Barry Sharpless**, 2001 Nobel Prize in Chemistry
14. **Erwin Neher**, 1991 Nobel Prize in Physiology or Medicine
15. **Harvey Alter**, 2020 Nobel Prize in Physiology or Medicine
16. **Stanley Whittingham**, 2019 Nobel Prize in Chemistry
17. **Gregg Semenza**, 2019 Nobel Prize in Physiology or Medicine
18. **Michel Mayor**, 2019 Nobel Prize in Physics
19. **Didier Queloz**, 2019 Nobel Prize in Physics
20. **Joachim Frank**, 2017 Nobel Prize in Chemistry
21. **Michael Young**, 2017 Nobel Prize in Physiology or Medicine
22. **Michael Rosbash**, 2017 Nobel Prize in Physiology or Medicine
23. **Barry Barish**, 2017 Nobel Prize in Physics
24. **Kip Thorne**, 2017 Nobel Prize in Physics
25. **Fraser Stoddart**, 2016 Nobel Prize in Chemistry
26. **Jean-Pierre Sauvage**, 2016 Nobel Prize in Chemistry
27. **Ben Feringa**, 2016 Nobel Prize in Chemistry

28. **Michael Kosterlitz**, 2016 Nobel Prize in Physics
29. **Duncan Haldane**, 2016 Nobel Prize in Physics
30. **Tomas Lindahl**, 2015 Nobel Prize in Chemistry
31. **Angus Deaton**, 2015 Nobel Prize in Economic
32. **William Moerner**, 2014 Nobel Prize in Chemistry
33. **Stefan Hell**, 2014 Nobel Prize in Chemistry
34. **Edvard Moser**, 2014 Nobel Prize in Physiology or Medicine
35. **May-Britt Moser**, 2014 Nobel Prize in Physiology or Medicine
36. **Shuji Nakamura**, 2014 Nobel Prize in Physics
37. **Arieh Warshel**, 2013 Nobel Prize in Chemistry
38. **Thomas Südhof**, 2013 Nobel Prize in Physiology or Medicine
39. **Lars Peter Hansen**, 2013 Nobel Prize in Economics
40. **Adam Riess**, 2011 Nobel Prize in Physics
41. **Dan Shechtman**, 2011 Nobel Prize in Chemistry
42. **Thomas Sargent**, 2011 Nobel Prize in Economics
43. **Andre Geim**, 2010 Nobel Prize in Physics
44. **Christopher Pissarides**, 2010 Nobel Prize in Economics **Harald**
45. **zur Hausen**, 2008 Nobel Prize in Physiology or Medicine
46. **George Smoot III**, 2006 Nobel Prize in Physics
47. **Barry Marshall**, 2005 Nobel Prize in Physiology or Medicine
48. **Avram Herskho**, 2004 Nobel Prize in Chemistry
49. **David Gross**, 2004 Nobel Prize in Physics
50. **Finn Kydland**, 2004 Nobel Prize in Economics
51. **Edward Prescott**, 2004 Nobel Prize in Economics
52. **Wolfgang Ketterle**, 2001 Nobel Prize in Physics
53. **James Heckman**, 2000 Nobel Prize in Economics
54. **Louis Ignarro**, 1998 Nobel Prize in Physiology or Medicine
55. **Peter Doherty**, 1996 Nobel Prize in Physiology or Medicine
56. **Bert Sakmann**, 1991 Nobel Prize in Physiology or Medicine

57. **Jerome Friedman**, 1990 Nobel Prize in Physics
58. **Robert Huber**, 1988 Nobel Prize in Chemistry
59. **Jean-Marie Lehn**, 1987 Nobel Prize in Chemistry
60. **Sheldon Lee Glashow**, 1979 Nobel Prize in Physics

Wolf Prize (19)

62. **Allan MacDonald**, 2020 Wolf Prize in Physics
63. **Stephen Buchwald**, 2019 Wolf Prize in Chemistry
64. **John Hartwig**, 2019 Wolf Prize in Chemistry
65. **David Zilberman**, 2019 Wolf Prize in Agriculture
66. **Omar Yaghi**, 2018 Wolf Prize in Chemistry
67. **Trudy Mackay**, 2016 Wolf Prize in Agriculture
68. **Robert Kirshner**, 2015 Wolf Prize in Physics
69. **Leif Andersson**, 2014 Wolf Prize in Agriculture
70. **Ignacio Cirac**, 2013 Wolf Prize in Physics
71. **Harris Lewin**, 2011 Wolf Prize in Agriculture
72. **John Clauser**, 2010 Wolf Prize in Physics
73. **Howard Cedar**, 2008 Wolf Prize in Medicine
74. **John Pickett**, 2008 Wolf Prize in Agriculture
75. **Richard Zare**, 2005 Wolf Prize in Chemistry
76. **Bertrand Halperin**, 2003 Wolf Prize in Physics
77. **Gurdev Khush**, 2000 Wolf Prize in Agriculture
78. **Michael Berry**, 1998 Wolf Prize in Physics
79. **Raphael Levine**, 1988 Wolf Prize in Chemistry
80. **Jean-Pierre Changeux**, 1982 Wolf Prize in Medicine

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Lasker Award (9)

81. **Michael Shepard**, 2019 Lasker-DeBakey Clinical Medical Research Award
82. **Michael Hall**, 2017 Albert-Lasker Basic Medical Research Award
83. **Bruce Alberts**, 2016 Lasker-Koshland Special Achievement Award in Medical Science
84. **Peter Walter**, 2014 Albert-Lasker Basic Medical Research Award
85. **Alim-Louis Benabid**, 2014 Lasker-DeBakey Clinical Medical Research Award
86. **Michael Sheetz**, 2012 Albert-Lasker Basic Medical Research Award
87. **Franz-Ulrich Hartl**, 2011 Albert-Lasker Basic Medical Research Award
88. **Napoleone Ferrara**, 2010 Lasker-DeBakey Clinical Medical Research Award
89. **David Baulcombe**, 2008 Albert-Lasker Basic Medical Research Award



Turing Award (7)

90. **John Hennessy**, 2017 Turing Award
91. **Martin Hellman**, 2015 Turing Award
92. **Joseph Sifakis**, 2007 Turing Award
93. **Andrew Chi-Chih Yao**, 2000 Turing Award
94. **Manuel Blum**, 1995 Turing Award
95. **Raj Reddy**, 1994 Turing Award
96. **John Hopcroft**, 1986 Turing Award



MacArthur Fellowship (3)

97. **Jin-Quan Yu**, 2016 MacArthur Fellowship
98. **Peidong Yang**, 2015 MacArthur Fellowship
99. **Phil Baran**, 2013 MacArthur Fellowship



Fields Medal (5)

100. **Caucher Birkar**, 2018 Fields Medal
101. **Alessio Figalli**, 2018 Fields Medal
102. **Ngô Bào Châu**, 2010 Fields Medal
103. **Laurent Lafforgue**, 2002 Fields Medal
104. **Efim Zelmanov**, 1994 Fields Medal



Breakthrough Prize (15)

105. **Sheperd Doeleman**, 2020 Breakthrough Prize in Fundamental Physics
106. **Zhijian James Chen**, 2019 Breakthrough Prize in Life Sciences
107. **Charles Bennett**, 2018 Breakthrough Prize in Fundamental Physics
108. **Lyman Page Jr.**, 2018 Breakthrough Prize in Fundamental Physics
109. **Christopher Hacon**, 2018 Breakthrough Prize in Mathematics
110. **David Spergel**, 2018 Breakthrough Prize in Fundamental Physics
111. **Don Cleveland**, 2018 Breakthrough Prize in Life Sciences
112. **Andrew Strominger**, 2017 Breakthrough Prize in Fundamental Physics
113. **John Hardy**, 2016 Breakthrough Prize in Life Sciences
114. **Yifang Wang**, 2015 Breakthrough Prize in Fundamental Physics
115. **John Henry Schwarz**, 2014 Breakthrough Prize in Fundamental Physics
116. **Hans Clevers**, 2013 Breakthrough Prize in Life Sciences
117. **Nathan Seiberg**, 2012 Breakthrough Prize in Fundamental Physics
118. **Andrei Linde**, 2012 Breakthrough Prize in Fundamental Physics
119. **Nima Arkani-Hamed**, 2012 Breakthrough Prize in Fundamental Physics

In 2020, the 3rd WLF attracted 137 world laureates



Canada Gairdner International Award (9)

- 120. **Bruce Stillman**, 2019 Canada Gairdner International Award
- 121. **Azim Surani**, 2018 Canada Gairdner International Award
- 122. **Peter Hegemann**, 2018 Canada Gairdner International Award
- 123. **Lynne Maquat**, 2015 Canada Gairdner International Award
- 124. **Thomas Pollard**, 2006 Canada Gairdner International Award
- 125. **Wayne Hendrickson**, 2003 Canada Gairdner International Award
- 126. **Richard Hynes**, 1997 Canada Gairdner International Award
- 127. **Pamela Bjorkman**, 1994 Canada Gairdner International Award
- 128. **Lap-Chee Tsui**, 1990 Canada Gairdner International Award



Kyoto Prize (4)

- 129. **Graham Farquhar**, 2017 Kyoto Prize in Basic Sciences
- 130. **Takeo Kanade**, 2016 Kyoto Prize in Advanced Technology
- 131. **Simon Levin**, 2005 Kyoto Prize in Basic Sciences
- 132. **Stanley Mazor**, 1997 Kyoto Prize in Advanced Technology

Distinguished Scientists (4)

- 133. **Gero Miesenböck**, 2020 Shaw Prize in Life Science and Medicine
- 134. **Xiaoliang Sunney Xie**, 2015 Albany Prize in Medicine
- 135. **Hongjie Dai**, 2006 APS James C. McGroddy Prize for New Materials
- 136. **Lenore Blum**, Distinguished Career Professor (Emeritus) of Carnegie Mellon University and Member of the United States of National Academy of Sciences



World Food Prize (1)

- 137. **Marc Van Montagu**, 2013 World Food Prize

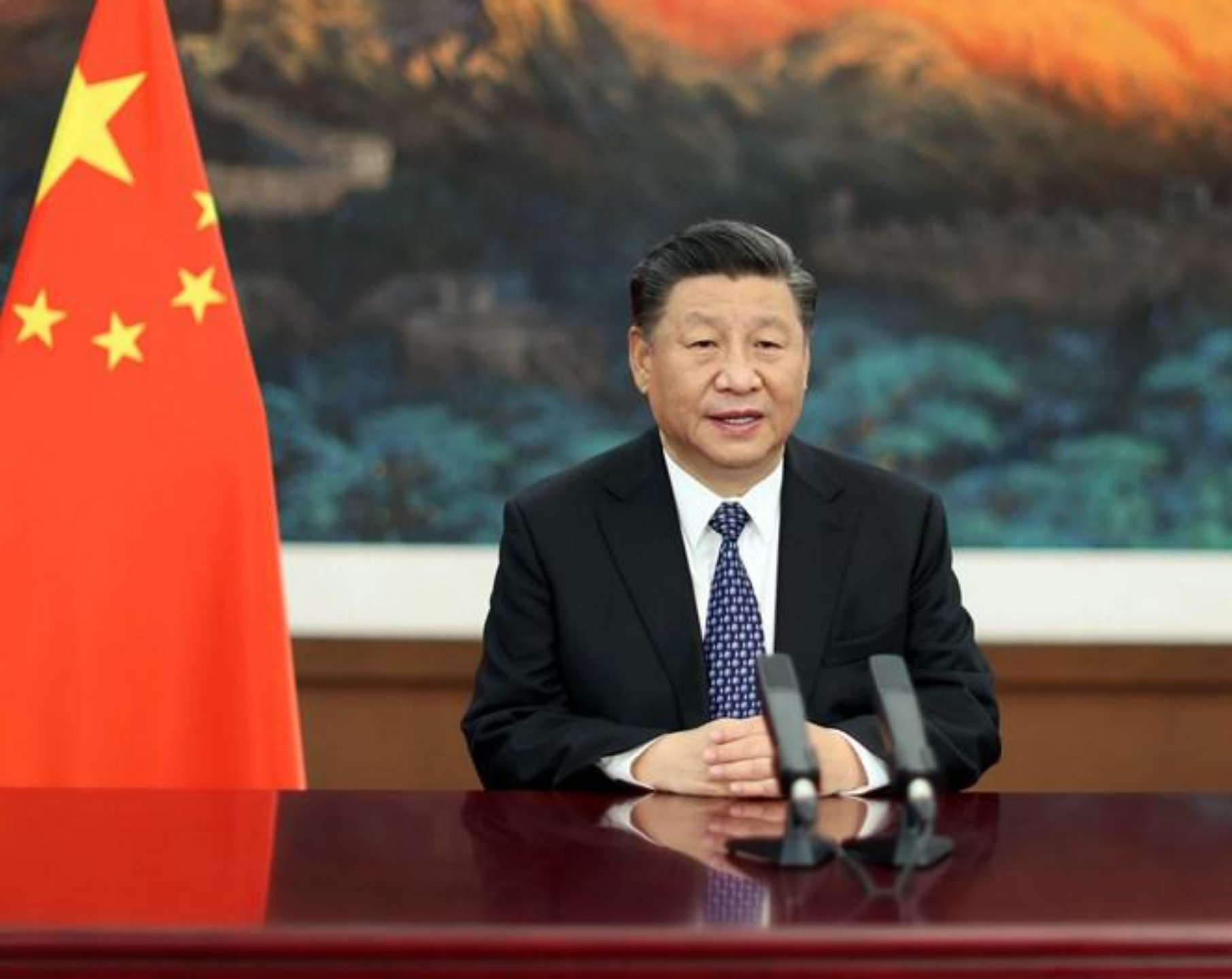


02

Forum Highlights

论坛亮点

主办单位：上海市人民政府
指导单位：中国科学技术协会
支持单位：世界顶尖科学家协会
承办单位：中国（上海）自由贸易试验区临港新片区管理委员会
上海临港经济发展（集团）有限公司
上海市科学技术协会
世界顶尖科学家协会上海中心
合作伙伴：红杉中国创业基金会
广州临港国际科技孵化器



**PRESIDENT XI DELIVERED
VIRTUAL REMARKS TO
THE 3rd WORLD
LAUREATES FORUM**

中华人民共和国主席
习近平向第三届论坛致辞



6 WLA Chairmen reunion and their philosophy and attitude to science

世界顶尖科学家协会六大主席联袂带来“科学态度”演讲

Moments

高光时刻



Scientific Outlook for the Next **20** Years

"∞"莫比乌斯论坛：引领未来20年的科学思想



WLA Sci-T Conference × WLA Master Class

世界顶尖科学家论坛科学T大会“科学第一课”





WLA Young Scientists Forum

“Tablecloth Forum”

青年论坛之“桌布论坛”

Brilliant Ideas Where Dreams Take Flight

把思想写在桌上, 把梦想撒播世界各地



More Than **200** International Top Young Scientists from over **50** World-Renowned Universities and Scientific Institutions

全球50余所知名高校院所、200余名世界顶尖青年科学家







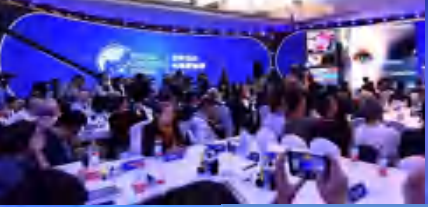







**WLA Future “Big
Science” Forum**
未来国际大科学论坛

Borderless Global Scientific Cooperation and Intelligence Collaboration

无疆界的国际科学协作和智慧大脑协同

	Nima Aghaepour 尼玛·阿佳易普尔 Stanford University, Assistant Professor of Anesthesiology, Pain and Peri-operative Medicine 斯坦福大学 麻醉学、疼痛和围手术期医学助理教授		Tracy Slatyer 特蕾西·斯拉泰尔 Associate Professor of Physics 麻省理工学院 物理学副教授		Lori Passmore 洛瑞·帕斯摩尔 MRC Laboratory of Molecular Biology, Cambridge, UK Group Leader 英国剑桥 MRC 分子生物学实验室 项目主任
	Jeff Donlea 杰夫·唐利亚 University of California, Los Angeles Assistant Professor at Department of Neurobiology 加州大学洛杉矶分校 神经生物学助理教授		Alexandre Carpentier 亚历山大·卡朋特 Sorbonne University Professor in Neurosurgery 法国索邦大学 医学部神经外科医学教授		Thomas Hermans 托马斯·赫尔曼斯 University of Strasbourg Professor in Chemistry 法国斯特拉斯堡大学 化学教授
	LIU Renbao 刘仁保 The Chinese University of Hong Kong Full Professor in Physics 香港中文大学 物理系正教授		YU Jingyi 虞晶怡 Professor and Executive Dean of the School of Information Science and Technology 上海科技大学 信息科学与技术学院 正教授、执行院长		
	JIANG Ying 江颖 Peking University Professor of International Center for Quantum Materials (ICQM) 北京大学 物理学院量子材料 科学中心教授		Yonina Eldar 尤妮娜·艾尔达 Israel Academy of Sciences and Humanities Professor of Electrical Engineering, Weizmann Faculty of Mathematics and Computer Science 以色列科学与人文科学院 魏茨曼科学研究所数学与计算机科学学院 电气工程教授		

WLA Young Scientists Forum "5-P Forum"

青年论坛之“5张论坛”

Young Scientists Presented Their Infinite Scientific Dreams in 5 Slides.

5 页Slides, 展现青年科学家的无限科学梦想。

Round Table Discuss

圆 / 桌 / 对 / 议

03

Core Achievements

论坛成果

**WORLD SCIENTIFIC BALANCE
IS SHIFTING EASTWARDS.**

世界科学的天平正在东移。—— Roger Kornberg 罗杰·科恩伯格

**NO ONE CAN ACHIEVE
SCIENTIFIC MONOPOLY.**

没有一个国家可以实现科学的垄断。—— Steven Chu 朱棣文

Insights 科学洞察

**The next two decades will witness an
era of more challenges and more
expectations.**

未来二十年, 将更具挑战、也拥有更多期待。

**UNDERSTANDING WHY CELLS
ARE APOPTOTIC CAN HELP
EARLY PATIENTS WITH ALZHEI-
MER'S DISEASE.**

—— May-Britt Moser
梅·布莱特·莫索尔

了解细胞为何凋亡, 可以帮助阿尔茨海默症的早期患者。

**IT IS NOT SUITABLE FOR
BASIC SCIENTISTS TO DO
APPLIED SCIENCE, AND IT
IS ALSO COUNTER-PRODUCTIVE.**

让基础科学家去做应用科学是
不适合的, 也是适得其反的。

—— William Kaelin Jr.
威廉·凯林

**WITH POWERFUL TELESCOPES, NEW
DISCOVERIES IN SPACE WILL CON-
TINUE TO BE PUBLISHED. BY LOOK-
ING UP AT THE STARS, WE LOOK
FORWARD TO SOLVING THE MYS-
TERY OF THE BIRTH OF LIFE.**

依靠强大的望远镜, 太空新发现会不断被刊登发表。仰望星空, 我们盼着能够破解
生命诞生之谜。—— Michel Mayor 米歇尔·马约尔

**MUST BALANCE ECONOMY
ORIENTATION WITH SCIENCE.**

必须用科学来平衡经济导向。—— Andre Geim 安德烈·盖姆

**WE CANNOT FIND A PLANET SIMI-
LAR TO EARTH. FOR EXAMPLE,
VENUS LOOKS LIKE THE EARTH,
BUT IT IS COMPLETELY DIFFERENT.**

我们可能找不到和地球相似的行星。比如说金星跟地球看起来很像,
但其实是完全是不一样的。—— Didier Queloz 迪迪埃·奎洛兹

**EUROPE'S ORIGINAL
INNOVATION CAPA-
BILITIES STILL TAKE
THE LEAD.**

欧洲创新力
仍引领全球。

—— Venkatraman
Ramakrishnan
文卡特拉曼·拉马克里希南

3rd WLF Media Exposure

第三届论坛媒体影响力

1.5B

15亿

1.5 Billion+ Forum Views

全网传播人次突破15 个亿

900M

9亿

12 CCTV News Weibo Topics with 900 Million+ Reads

央视新闻发起12个微博话题, 总阅读次数超过9个亿

330M

3.3亿

330 Million #WorldLaureatesForum# Weibo Views

#世界顶尖科学家论坛#微博话题曝光超过3.3亿

60+

60+ Media Outlets, 250+ Accredited Journalists

超过60家媒体, 250余名注册记者

上千家媒体 (含网站、自媒体、微博大V主动传播)

22 Central-level Media. 中央级媒体

23 Shanghai Local Media. 上海本地媒体

8 Provincial and Above Media. 省级以上媒体

5 Online and New Media. 网络媒体及新媒体

4 Overseas Media 海外及境外媒体

10000+

10k+ Search Per Day During the Forum

会期3天日均上万的新闻搜索量;

新闻联播两次; 央视新闻中心共出品26条新闻; 央视科教频道特别节目8期; CGTN大屏播报6档



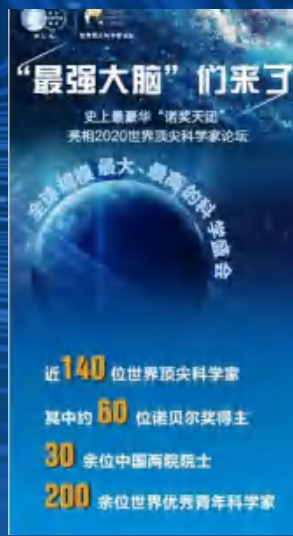
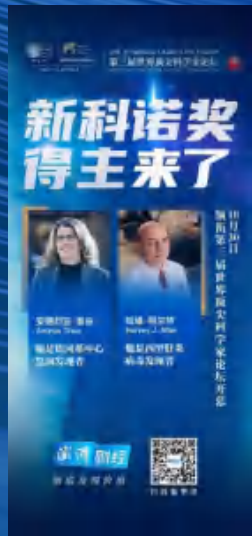
News Coverage

第三届论坛报道



News Coverage

第三届论坛报道



News Coverage

第三届论坛报道



1st WLF Laureates Brainstorming Canvas

第一届WLF科学家
头脑风暴画布

2nd WLF Laureates Brainstorming Canvas

第二届WLF科学家
头脑风暴画布



Scientists' Message

科学家寄语

We believe that these words are carrying scientists' sincere and pure feelings. These appreciation letters have expressed their feelings, their excitement of the wonderful experience at the forum and their anticipation for the future, for China, and for science.

我们相信，这是一些真诚而纯粹的文字。在感谢信的名义下，它们聚集了内心的感动、现场经历的兴奋和对于未来、对于中国、对于科学的热切期盼。



This forum was indeed **unprecedented** and achieved **great success**.

——Roger Kornberg

本届论坛确实是前所未有的，取得了巨大的成功。 ——罗杰·科恩伯格



I have never participated in such a wonderful forum. Accurately speaking, **support and hospitality to distinguished guests and everyone else were perfect**. ——Daphne (Mrs. Levitzki)

我从未参加过如此精彩的论坛，让所有尊贵的来宾及每个人都感到宾至如归

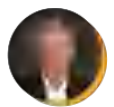
——达芙妮 (Alexander Levitzki 夫人)



I really enjoyed this forum which provided a good networking opportunity – **the most memorable and inspiring moment!** ——William Moerner

我确实很享受这次论坛，它提供了一个很好的交流机会，也是最令人难忘和鼓舞人心的时刻！

——威廉·莫纳



Wish you good luck of the World Laureates Forum and expect the next forum upcoming soon! ——Edvard Moser

祝WLA 论坛越办越好，并期待未来会启动新的论坛！ ——爱德华·莫索尔



Professor Gross believed that the event was **very meaningful** and was pleased to establish new contacts with physicist colleagues, Chinese scientists and scholars. ——Assistant of David Gross

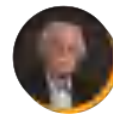
格罗斯教授认为这次活动很有意义，并很高兴认识各位物理学家，及中国科学家和学者。 ——戴维·格罗斯助手



Thank you again for all help during the World Laureates Forum. It was a great event.

——Martin Hellman

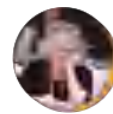
再次感谢您在刚刚结束的WLA 论坛上所给予的一切帮助。这是个很棒的活动。 ——马丁·赫尔曼



Let me thank you again for your hospitality and organizing them **most interesting forum!**

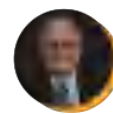
——Robert Huber

再次感谢你们的盛情款待，安排了这样一个超级有趣的会议！ ——罗伯特·胡贝尔



I would like to take this opportunity thank you once again for your **extraordinary organization and friendly atmosphere**. ——Ada Yonath

我借此机会再次感谢WLA超凡的组织和营造的友好气氛。 ——阿达·约纳特



I really liked this forum, **very exciting and extraordinary**. I really regretted that I couldn't stay longer. I hope I can stay longer if I am invited again. ——Thomas Sargent

我非常喜欢这个活动，非常精彩、无与伦比。我很遗憾我不能待久一点，希望下次受邀我可以待得更久些。 ——托马斯·萨金特



World Laureates Forum WeChat Account

世界顶尖科学家论坛 官方微信公众号

www.wlaforum.org

World Laureates Forum Official Website

世界顶尖科学家论坛 官方网站