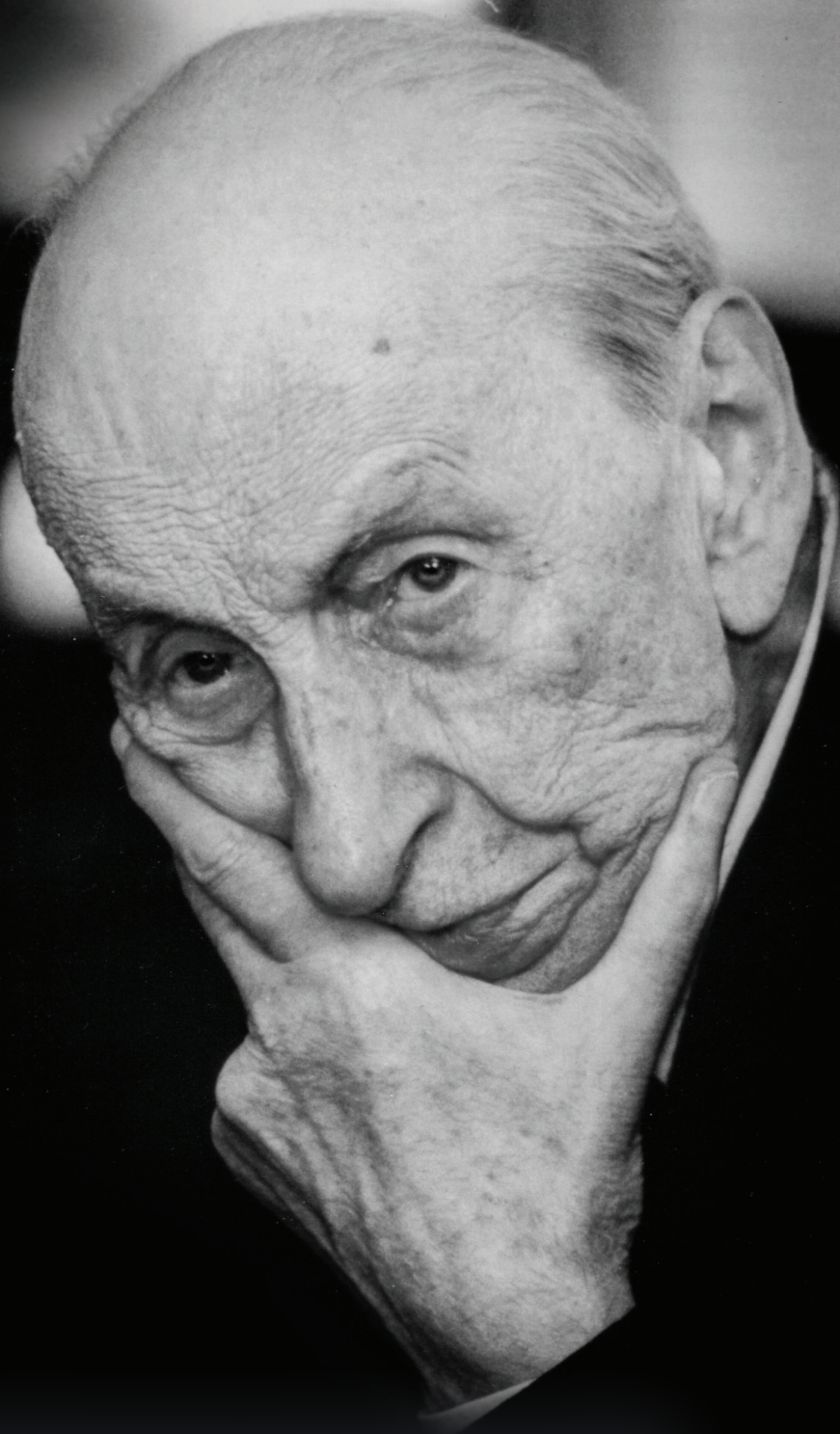


2022



PEZCOLLER FOUNDATION-AACR  
INTERNATIONAL AWARD FOR  
EXTRAORDINARY ACHIEVEMENT  
IN CANCER RESEARCH



Fondazione  
Pezcoller

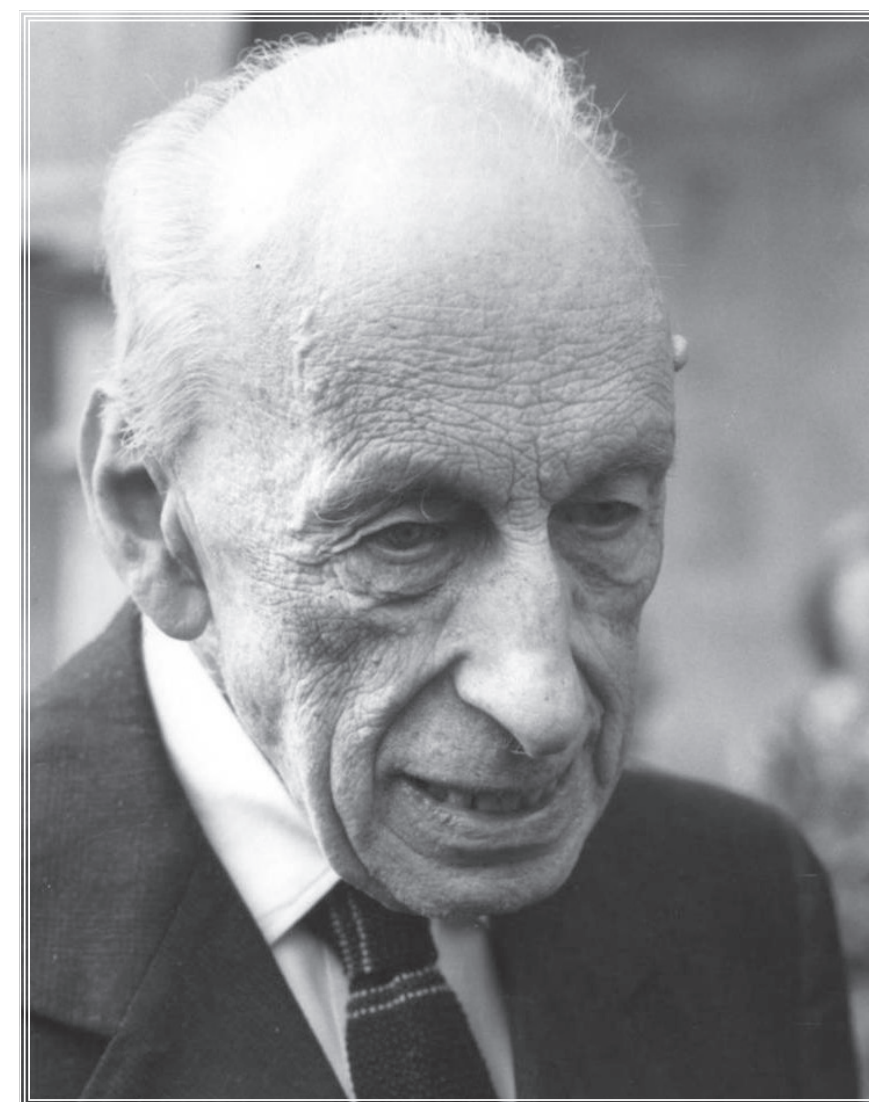


American Association  
for Cancer Research®

**Pezcoller.it**  
**AACR.org/SAA**



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# Pezcoller

Professor Alessio Pezcoller was born on April 23, 1896 in Rovereto, a small Northern Italian town, located just a few kilometers from Trento, the capitol city of the Trentino province and location of the historic sixteenth century Trento Council.

Shortly after his graduation from Florence University where he earned a university degree in medicine in 1921, Professor Pezcoller moved to the University of Milan where he studied within the Surgical School, which was chaired by one of the most highly reputed surgeons of the time, Professor Mario Donati. In Milan, Professor Pezcoller qualified for university teaching in surgical pathology, clinical surgery, and operating medicine. In the mid-1930's, upon Professor

Donati's departure from the University of Milan, Professor Pezcoller transitioned to Santa Chiara Hospital in Trento where he assumed the position of Chief Surgeon in 1937. He would continue working at Santa Chiara Hospital for the next thirty years.

During the early years of his time at Santa Chiara Hospital, Professor Pezcoller specialized in general abdominal surgeries and neurosurgery. He was also instrumental in conducting many surgeries that were needed as a result of various injuries that soldiers and civilians would incur as a result of World War II. Due to the high demand for his time and the need for his expertise during this difficult period of history, Professor Pezcoller opted to live within the hospital so

that he could be nearby and available should a surgery be needed for a patient. It was also during this tumultuous and formative time that he conceptualized and developed his idea to form the Pezcoller Foundation, with the mission to promote biomedical research intended to decipher the fundamental mechanisms of human disease.

Upon his retirement in 1966, Professor Pezcoller vehemently dedicated his time, energy, and life to achieving his goal of establishing the Pezcoller Foundation. He would continue to shape and lead the Pezcoller Foundation and its mission until his death in January of 1993 at the age of 97.



# PEZCOLLER FOUNDATION

## PEZCOLLER FOUNDATION HISTORY

The Pezcoller Foundation is a non-profit organization established in Trento, Italy in 1980 by Professor Alessio Pezcoller (1896-1993), former Chief Surgeon at Santa Chiara Hospital in Trento, Italy. The Pezcoller Foundation's mission is aimed at promoting biomedical research in the field of cancer and pursues its institutional aims through:

### INTERNATIONAL AWARDS

- The Pezcoller Foundation-AACR International Award for Extraordinary Achievement in Cancer Research
- The Pezcoller Foundation-EACR Cancer Research Awards (for female and early career researchers)

### EDUCATIONAL ACTIVITIES

- The Pezcoller Foundation Symposia Series
- The Pezcoller Foundation Seminars
- The Pezcoller Foundation Lectures

### RESEARCH SUPPORT FOR YOUNG RESEARCHERS

- The Pezcoller Foundation-Italian Cancer Society Fellowships and Research Grants
- The Pezcoller Foundation-Scholar-in-Training Awards
- The Pezcoller Foundation-EACR Bursaries



Upper right: Professor Alessio Pezcoller  
Middle: Professors Alessio Pezcoller and Umberto Veronesi  
Lower left: Professors Alessio Pezcoller and Umberto Veronesi  
Lower right: Professor Umberto Veronesi, Mr. Giorgio Pederzoli, Professor Alessio Pezcoller

## PEZCOLLER FOUNDATION GOVERNANCE

The Pezcoller Foundation is governed by a President and a Board of Directors who serve the Pezcoller Foundation on a voluntary basis. All associated terms of service extend for a period of five years. The Past Presidents of the Pezcoller Foundation include: Renato Vinante (1980-1986), Giustiniano de Pretis (1986-1988), Aimone Sordo (1988-1996), Pietro Monti (1996-2001), Gios Bernardi (2001-2011), and Davide Bassi (2011-2016). The current President is Enzo Galligioni, MD, a medical oncologist and former Head of Medical Oncology at the Santa Chiara Hospital in Trento, Italy (1996-2016) where he was involved in both clinical and research activities. Since his retirement in 2016, he has been primarily involved in Pezcoller Foundation activities.

### PAST PRESIDENTS



2011-2016  
**DAVIDE BASSI**



2001-2011  
**GIOS BERNARDI**



1996-2001  
**PIETRO MONTI**



1988-1996  
**AIMONE SORDO**



1986-1988  
**GIUSTINIANO DE PRETIS**

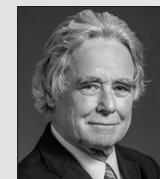


1980-1986  
**RENATO VINANTE**

### GOVERNANCE



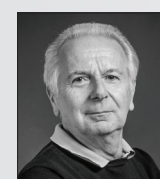
**ENZO GALLIGIONI**  
PRESIDENT  
2016-PRESENT



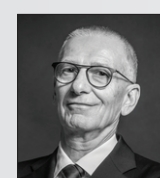
**PAOLO STEFANELLI**  
VICE PRESIDENT



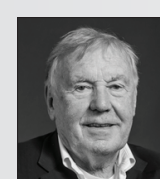
**GIOS BERNARDI**  
PRESIDENT EMERITUS



**DAVIDE BASSI**  
BOARD OF DIRECTORS



**ANTONELLO BRIOSI**  
BOARD OF DIRECTORS



**MARIO CRISTOFOLINI**  
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**GIOVANNI DE PRETIS**  
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**PIETRO MONTI**  
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**FRANCESCO VALDUGA**  
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**MAURIZIO AMICHETTI**  
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STATUTORY AUDITOR  
PRESIDENT



**FRANCA DELLA PIETRA**  
STATUTORY AUDITOR



**EMILIANO DORIGHELLI**  
STATUTORY AUDITOR

### ADMINISTRATIVE PERSONNEL



**VERONICA FOLETTO**  
SCIENTIFIC SECRETARY



**FEDERICA MANDATO**  
GENERAL SECRETARY



# THE AWARD

## AWARD HISTORY

Once formed, the Pezcoller Foundation initially established a biennial International Award to recognize excellence in cancer research. This award was given to Dr. Vincent T. DeVita, Jr. (1988), Dr. Maurice Tubiana (1991), Dr. Bert Vogelstein (1993), and Sir Paul M. Nurse (1995) who subsequently won the Nobel Prize in Physiology or Medicine in 2001.



*Inaugural Pezcoller Foundation Award recipient, Dr. Vincent T. DeVita, Jr., Trento 1988. Also pictured are Drs. Alessio Pezcoller and Aimone Sordo.*



*The first Pezcoller Foundation-AACR International Award for Extraordinary Achievement in Cancer Research awarded to Dr. Anthony J. Pawson by then Pezcoller Foundation President, Dr. Pietro Monti in 1998.*



*The 2001 Pezcoller Foundation-AACR International Award for Extraordinary Achievement in Cancer Research awarded to Dr. Elizabeth H. Blackburn by then Pezcoller Foundation President, Dr. Pietro Monti.*

## PEZCOLLER FOUNDATION - AACR PARTNERSHIP

In 1997, a strategic partnership was launched between the Pezcoller Foundation and the AACR. As outlined within the formal partnership agreement executed on April 13, 1997, the award was to be named the: PEZCOLLER FOUNDATION - AACR INTERNATIONAL AWARD FOR CANCER RESEARCH.

On April 16, 2018, the formal partnership agreement was renewed and the award name was changed to the: PEZCOLLER FOUNDATION-AACR INTERNATIONAL AWARD FOR EXTRAORDINARY ACHIEVEMENT IN CANCER RESEARCH.

This prestigious award is accompanied by a prize of €75,000, has been annually awarded since 1997, and continues to build upon the tradition of recognizing outstanding cancer science. Twenty-four premier scientists have received the award thus far. The rigorous award nomination and selection process and the caliber of past award winners, are further evidenced by the fact that four past award recipients have been subsequently awarded the Nobel Prize.

*Top to bottom (left):*

*April 13, 1997, then Pezcoller Foundation President Dr. Pietro Monti, shaking hands with the AACR CEO Dr. Margaret Foti, in the presence of then AACR President Dr. Donald S. Coffey, AACR Past President Dr. Enrico Mihich, and Pezcoller Foundation Delegation members Drs. Gios Bernardi and Giorgio Pederzoli*

*April 16, 2018, Renewal of the Pezcoller Foundation-AACR agreement, signed by the AACR CEO Dr. Margaret Foti and the Pezcoller Foundation President, Dr. Enzo Galligioni, in the presence of then AACR President Dr. Elizabeth M. Jaffee and members of the Pezcoller Foundation Delegation*

*2019, Pezcoller Foundation-AACR International Award for Extraordinary Achievement in Cancer Research Selection Meeting, Philadelphia, PA*





# AMERICAN ASSOCIATION FOR CANCER RESEARCH (AACR)

## AACR HISTORY

Founded in 1907, the American Association for Cancer Research (AACR) is the world's oldest and largest professional organization dedicated to advancing cancer research with the mission to prevent and cure all cancers. AACR's membership includes more than 49,000 laboratory, translational, and clinical researchers; population scientists; other health care professionals; and patient advocates residing in 128 countries and territories. The AACR marshals the full spectrum of expertise of the international cancer community to accelerate progress in the prevention, biological understanding, diagnosis, and treatment of cancer by annually convening more than 30 conferences and educational workshops, the largest of which is the AACR Annual Meeting

which attracts over 22,000 attendees from around the world. In addition, the AACR publishes ten prestigious, peer-reviewed scientific journals and two publications for cancer survivors, patients, and their caregivers. The AACR funds meritorious research directly as well as in cooperation with numerous cancer organizations. As the Scientific Partner of Stand Up To Cancer, the AACR provides expert peer review, grants administration, and scientific oversight of team science and individual investigator grants in cancer research that have the potential for near-term patient benefit. The AACR actively communicates with legislators and policymakers about the value of cancer research and the related sciences in saving lives from cancer.

## AACR GOVERNANCE

The AACR is governed by 5 Officers and a Board of 15 Directors who serve the AACR, on a voluntary basis for three-year terms.

### OFFICERS



**DAVID A. TUVESON,  
MD, PHD, FAACR**  
PRESIDENT  
2021-2022



**LISA M. COUSSENS,  
PHD, FAACR**  
PRESIDENT-ELECT  
2021-2022



**ANTONI RIBAS,  
MD, PHD, FAACR**  
IMMEDIATE PAST  
PRESIDENT  
2021-2022



**WILLIAM N. HAIT,  
MD, PHD, FAACR**  
TREASURER  
2019-2022



**MARGARET FOTI,  
PHD, MD (HC)**  
AACR CHIEF  
EXECUTIVE OFFICER

### BOARD OF DIRECTORS



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MD, PHD**



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FMEDSCI, FRS, FAACR**



**SUZANNE L.  
TOPALIAN, MD**



American Association for Cancer Research Headquarters, Philadelphia, PA



2018-2019 Officers and Directors of the AACR Board



# TRENTO, ITALY

## THE AWARD CEREMONY

In addition to presenting a featured award lecture during the AACR Annual Meeting, all award winners are requested to participate in an official Award Ceremony held in Trento, Italy, and present a formal scientific lecture at the University of Trento.

Originally a celtic city, Trento was later conquered by the Romans in the first Century BC. In 1027, the Emperor of the Holy Roman Empire, Conrad II, created the prince-bishop of Trento position, which held both temporal and religious powers. Prince-bishops ruled Trento until Napoleon conquered the city in 1801. In 1814, Trento was assigned to the Habsburg Empire. Trento later became famous for the Council of Trento (1545-1563), which gave rise to the Counter-Reformation, ushering in a resurgence of Catholicism throughout Europe. The city owes much of its unique history to its central position along the main communication routes between Italy and Northern Europe.

Initially, the award ceremony for the Pezcoller Foundation-AACR International Award for Extraordinary Achievement in Cancer Research was held in the historic Buonconsiglio Castle located in Trento. This castle was the residence of the prince-bishops of Trento from the 13th century to the end of the 18th century and is the largest and most important monumental complex of the Trentino Alto Adige region.

In 2018, the award ceremony was moved to the historic Teatro Sociale in downtown Trento to accommodate larger audiences from the local scientific community and the public. The Teatro Sociale was officially opened on May 29, 1819, with the opera "La Cenerentola" by Gioachino Antonio Rossini. In 1984, the theatre was purchased by the Autonomous Province of Trento and in June 2000, after eleven years of work, was reopened to the public.



*The Dome, Trento, Italy*



*The Science Museum, Trento, Italy*

*The Dolomites, Trento, Italy*



*Buonconsiglio Castle, Trento, Italy*



*The Teatro Sociale in Trento, Italy, Award Ceremony venue since 2018*







## 2021 AWARDEE

### 2021 HANS CLEVERS, MD, PHD, FAACR

Professor of Molecular Genetics at Utrecht University and the UMC Utrecht; Principal Investigator at the Hubrecht Institute and the Princess Máxima Center for Pediatric Oncology; Oncode Investigator, Utrecht, The Netherlands

**For his pioneering research that uncovered the mechanisms by which Wnt signaling controls gene expression in colon cancer and the self-renewing gut epithelium, which subsequently led to the identification of adult stem cells in healthy tissue and in tumors; for his groundbreaking research involving the indefinite expansion of stem cells to form organoids *in vitro*, and for facilitating the adoption of organoids as an essential model system for the study of various cancers and treatment modalities.**

Dr. Hans Clevers, widely considered one of the world's leading experts on adult stem cell biology, was honored with the 2021 Pezcoller Foundation-AACR International Award for Extraordinary Achievement in Cancer Research for a series of breakthrough discoveries that led to the development of mini-organs, now called organoids. The ability to generate organoids from stem cells has been an essential first step toward the growth of the regenerative cancer medicine field. This unique cancer model system has been instrumental in establishing new avenues of research involving the testing of novel anticancer therapeutics on tissues derived from tumors and cultured as organoids.

Early in his career, Dr. Clevers' research group first studied the behavior of the intestine in normal physiological states. During these studies, his group cloned the transcription factor TCF1, which has since been proven to be a vital component in the Wnt signaling pathway. Next, Dr. Clevers demonstrated the link between Wnt signaling and adult stem cell biology by demonstrating that TCF4 gene disruption leads to the elimination of small intestine crypts, while the targeted knockout of the TCF1 gene severely disables the stem-cell compartment of the thymus. Together with Dr. Bert Vogelstein, MD, FAACR, Dr. Clevers also showed that mutations in the Wnt signaling pathway can contribute to colon cancer onset and progression. This finding

has since propelled countless research efforts focused on the development of novel anticancer therapeutics that precisely target the Wnt signaling pathway.

Dr. Clevers is the principal investigator at the Hubrecht Institute for Developmental Biology and Stem Cell Research, and the principal investigator at the Princess Máxima Center for Pediatric Oncology, Utrecht, The Netherlands. Additionally, Dr. Clevers is an investigator at the Oncode Institute in The Netherlands, and a professor of molecular genetics at the University Medical Center in Utrecht. He has been a member of the AACR since 2007 and was elected as a Fellow of the AACR Academy in 2014. He previously served as a member of the AACR Board of Directors from 2013-2016, and as a leader of the Stand Up To Cancer (SU2C)-Dutch Cancer Society Tumor Organoids Dream Team formed in 2014. The AACR is the Scientific Partner of SU2C.

Dr. Clevers also served as president of the Royal Netherlands Academy of Sciences from 2012-2015. He was elected as a member of the American Academy of Arts and Sciences in 2012. Dr. Clevers received the Breakthrough Prize in Life Sciences in 2013 and has been honored with many other awards throughout his career, including the Keio Medical Science Prize (2019), Academia Europaea Erasmus Medal (2018), Großes Verdienstkreuz mit Stern (2017), Princess Takamatsu Award of

Merit (2017), Ilse & Helmut Wachter Award (2016), Swammerdam Medaille (2016), Körber European Science Prize (2016), Kazemi Award for Research Excellence in Biomedicine (2016), Academy Professor Prize of the Royal Netherlands Academy (2016), ISSCR McEwen Award for Innovation (2015), National Icon of The Netherlands (2014), Struyvenberg European Society for Clinical Investigation Medal (2014), Massachusetts General Hospital Award in Cancer Research (2014), Heineken Prize for Medicine (2012), William Beaumont Prize of the American Gastroenterology Association (2012), Association pour la Recherche sur le Cancer Léopold Griffuel Prize (2012), Kolff Prize (2011), Ernst Jung Medical Award (2011), United European Gastroenterology Federation Research Prize (2010), Queen Wilhelmina Dutch Cancer Society Award (2009), Meyenburg Cancer Research Award (2008), Josephine Nefkens Prize for Cancer Research (2008), Rabbi Shai Shacknai Memorial Prize for Immunology and Cancer Research (2006), Katharine Berkan Judd Award (2005), Science and Society Prize (2005), Louis-Jeantet Prize for Medicine (2004), Spinoza Award of The Netherlands Research Council (2001), Award from the European Society of Clinical Investigation (2001), and the Catharijne Prize (2000).

Dr. Clevers earned his medical degree and doctoral degree in biology at the University of Utrecht.



# PAST AWARDEES



## 2020 JOHN E. DICK, FRS, FAACR

Senior Scientist, Princess Margaret Cancer Centre and McEwen Centre for Regenerative Medicine, University Health Network; Professor of Molecular Genetics, University of Toronto; Co-Leader, Acute Leukemia, Translational Research Initiative, Ontario Institute for Cancer Research, Toronto, Ontario, Canada

For discovering and characterizing the mechanisms by which stem cells contribute to normal and leukemic hematopoiesis.

### Other Selected Awards and Honors

- 2014 - Elected Fellow, The Royal Society, London
- 2013 - Canadian Cancer Research Alliance Award for Outstanding Achievements in Cancer Research
- 2009 - E. Donnell Thomas Prize, American Society of Hematology
- 2009 - Clifford Prize for Cancer Research, University of Adelaide, Australia
- 2009 - Men of Distinction Award, Israel Cancer Research Fund
- 2008 - AACR G.H.A. Clowes Memorial Award
- 2007 - Donald Metcalf Award, International Society for Experimental Hematology
- 2007 - Premier's Summit Award in Medical Research, Province of Ontario
- 2007 - Diamond Jubilee Award (joint with JE Till and EA McCulloch), National Cancer Institute of Canada
- 2005 - Dameshek Prize, American Society of Hematology
- 2004 - Elected Fellow, Royal Society of Canada, Academy of Sciences
- 2002 - Herman Boerhaave Medal, Leiden University, The Netherlands
- 2000 - Robert L. Noble Prize for Excellence in Cancer Research, National Cancer Institute of Canada
- 1997 - Michael Smith Prize, Canadian Institutes for Health Research
- 1984 - PhD, University of Manitoba



## 2019 ALBERTO MANTOVANI, MD

Emeritus Professor of Pathology; Scientific Director, Istituto Clinico Humanitas, Humanitas University, Milan, Italy; Chair, Inflammation and Therapeutic Innovation, Queen Mary University, London, United Kingdom

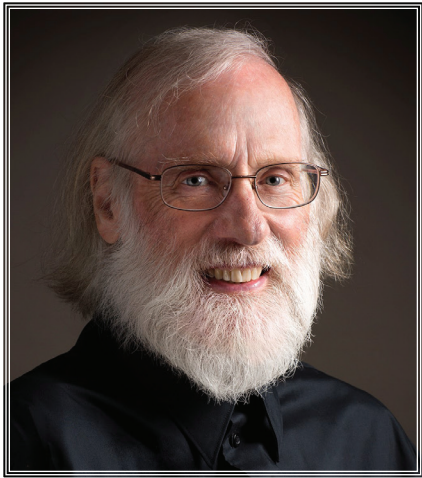
For his seminal research discoveries linking inflammation and tumor-associated macrophages with cancer onset that have been essential to progress in the field of cancer immunology.

### Other Selected Awards and Honors

- 2019 - Premio Chirone, Accademia Nazionale di Medicina, Genova, Italy
- 2018 - American-Italian Cancer Foundation Prize for Excellence in Medicine, New York, New York
- 2017 - Elected Member, Academia Europaea, London, United Kingdom
- 2017 - Scanno Award, Scanno, Italy
- 2017 - Rome Prize for Country Development
- 2016 - Robert Koch Award, Stiftung, Germany
- 2016 - International Feltrinelli, Rome, Italy
- 2016 - Organization of European Cancer Institutes Prize, Bruxelles, Belgium
- 2015 - Merck Literary Prize (2016), the Ferrari-Soave International Prize, Torino, Italy
- 2015 - The Milstein Award for Excellence in Interferon and Cytokine Research, International Society for Interferon & Cytokine Research, Oradell, New Jersey
- 2015 - European Society for Clinical Investigation Albert Struyvenberg Medal, Bamberg, Germany
- 2014 - Camuna Award, Regione Lombardia
- 2009 - William Harvey Award, Outstanding Scientist, London, United Kingdom
- 2007 - Galileo Galilei Prize for Research in Biomedical Sciences, Padua, Italy
- 2004 - Guido Venosta Award for Cancer Research, Milan, Italy
- 2000 - Marie T. Bonazinga Award, Society for Leukocyte Biology, Silver Spring, Maryland

*\*Affiliations reflective of time of award presentation.*





2018  
**TONY R. HUNTER, PHD, FAACR**

American Cancer Society Professor, Molecular and Cell Biology Laboratory; Renato Dulbecco Chair and Director, Salk Institute for Biological Studies, La Jolla, CA

For his critical discovery of tyrosine kinases, being the first to demonstrate that deregulated tyrosine phosphorylation can cause malignant transformation, which has since led to proven successes involving the use of cancer chemotherapeutics that target tyrosine kinases.

**Other Selected Awards and Honors**

- 2018 - Tang Prize in Biopharmaceutical Science, Tang Prize Foundation, Taipei, Taiwan
- 2017 - Sjöberg Prize for Cancer Research, The Sjöberg Foundation, Lysekil, Sweden
- 2014 - Frontiers of Knowledge Award in Biomedicine, BBVA Foundation, Madrid, Spain
- 2014 - Louisa Gross Horwitz Prize, Columbia University, New York, New York
- 2014 - Royal Medal, The Royal Society, London, United Kingdom
- 2013 - Elected Fellow, American Association for Cancer Research Academy, Philadelphia, Pennsylvania
- 2007 - Clifford Prize for Cancer Research, Centre for Cancer Biology, Adelaide, Australia
- 2005 - Wolf Prize in Medicine, Wolf Foundation, Tel Aviv, Israel
- 2004 - Kirk A. Landon Prize for Basic Cancer Research. American Association for Cancer Research, Philadelphia, Pennsylvania
- 2003 - Sergio Lombroso Award in Cancer Research, Weizmann Institute of Science, Rehovot, Israel
- 2001 - Keio Medical Science Prize, Keio University, Tokyo
- 1998 - Elected Member, National Academy of Sciences, Washington, DC
- 1994 - Canada Gairdner International Award, Gairdner Foundation, Toronto, Canada
- 1992 - Elected Fellow, American Academy of Arts and Sciences, Cambridge, Massachusetts
- 2004 - Elected Member, National Academy of Medicine, Washington, DC
- 1987 - Elected Fellow, The Royal Society, London, United Kingdom
- 2000 - Marie T. Bonazinga Award, Society for Leukocyte Biology, Silver Spring, Maryland



2017  
**DAVID M. LIVINGSTON, MD, FAACR**

Professor of Genetics; Emil Frei Professor of Medicine, Harvard Medical School; Chairman, Executive Committee for Research; Charles A. Dana Chair of Human Cancer Genetics, Dana-Farber Cancer Institute, Boston, MA

For his fundamental research that led to the landmark discovery of BRCA1 and BRCA2 and a better understanding of the retinoblastoma pathway of cell cycle control as well as the transcriptional co-activation function of key regulatory proteins including p300 and CBP.

**Other Selected Awards and Honors**

- 2015 - Elected Fellow, American Association for Cancer Research Academy, Philadelphia, Pennsylvania
- 2011 - Scientific Excellence in Medicine Prize, American-Italian Cancer Research, New York, New York
- 2012 - Robert J. and Claire Pasarow Foundation Medical Research Award in Cancer Research, Santa Monica, California
- 2009 - Anthony Dipple Carcinogenesis Award, European Association for Cancer Research, Nottingham, United Kingdom
- 2005 - AACR-G.H.A Clowes Memorial Award, American Association for Cancer Research, Philadelphia, Pennsylvania
- 2005 - Theodor Boveri Award, German Cancer Society, Berlin, Germany
- 2001 - Lila Gruber Award for Cancer Research, American Academy of Dermatology, Rosemont, Illinois
- 2001 - Elected Fellow, American Academy of Arts and Sciences, Washington, DC
- 1997 - Brinker International Award for Breast Cancer Research, Susan B. Komen®, Dallas, Texas
- 1997 - Award for Distinguished Research in the Biomedical Sciences, Association of American Medical Colleges, Washington, DC
- 1995 - Elected Member, National Academy of Sciences, Washington, DC
- 1990 - Elected Member, National Academy of Medicine, Washington, DC

*\*Affiliations reflective of time of award presentation.*





2016  
**JOAN MASSAGUÉ, PHD, FAACR**

Member, Cancer Biology and Genetics Program; Marie-Josée and Henry Kravis Foundation Chair; Director, Sloan Kettering Institute, New York, NY

**For his pioneering efforts delineating the TGF-β signaling pathway and its mechanism of action including receptor activation and regulation of key target genes, and for demonstrating how TGF-β can function as both a growth suppressor and promoter of cancer metastasis.**

**Other Selected Awards and Honors**

- 2016 - Elected Fellow, American Association for Cancer Research Academy, Philadelphia, Pennsylvania
- 2015 - Charles Rodolphe Brupacher Prize for Cancer, Zürich, Switzerland
- 2014 - Santiago Ramon y Cajal National Prize for Research in Biology, Madrid, Spain
- 2013 - Scientific Excellence in Medicine Prize, American-Italian Cancer Research, New York, New York
- 2011 - Robert J. and Claire Pasarow Foundation Medical Research Award in Cancer Research, Santa Monica, California
- 2011 - Innovator Award, U.S. Department of Defense, Arlington, Virginia
- 2009 - AACR-G.H.A. Clowes Memorial Award, American Association for Cancer Research, Philadelphia, Pennsylvania
- 2008 - AACR Distinguished Lectureship in Breast Cancer Research, American Association for Cancer Research, Philadelphia, Pennsylvania
- 2008 - Frontiers Prize in Biomedicine, BBVA Foundation, Madrid, Spain
- 2007 - Passano Award, The Passano Foundation, Baltimore, Maryland
- 2006 - Vilcek Prize for Biomedical Science, New York, NY
- 2006 - Elected Member, National Academy of Medicine, Washington, DC
- 2004 - Prince of Asturias Award for Technical and Scientific Research, Prince of Asturias Foundation, Oviedo, Spain
- 2003 - Gold Medal, Spanish Society of Biochemistry and Molecular Biology, Madrid, Spain
- 2000 - Elected Member, National Academy of Sciences, Washington, DC



2015  
**JAMES P. ALLISON, PHD, FAACR**

Chair, Department of Immunology, Division of Basic Science Research; Olga Keith Wiess Distinguished University Chair for Cancer Research; Regental Professor, Department of Immunology, Division of Basic Science Research; Executive Director, Immunotherapy Platform; Deputy Director, David H. Koch Center for Applied Research of Genitourinary Cancers; Director, Parker Institute for Cancer Immunotherapy, The University of Texas MD Anderson Cancer Center, Houston, TX

**For his groundbreaking discoveries, including the identification of CTLA-4 as an inhibitory receptor on T cells that serve as an immune response checkpoint, and for demonstrating that CTLA-4 blockade is capable of enhancing anti-tumor T cell responses by releasing CTLA-4 suppression, a finding that has since revolutionized the development of novel cancer immunotherapies. His groundbreaking research was recognized with the 2018 Nobel Prize in Physiology or Medicine.**

**Other Selected Awards and Honors**

- 2018 - **Nobel Prize in Physiology or Medicine**, Stockholm, Sweden
- 2018 - Dr. Paul Janssen Award for Biomedical Research, Johnson and Johnson, Raritan, New Jersey
- 2017 - Wolf Prize in Medicine, Wolf Foundation, Tel Aviv, Israel
- 2015 - Passano Award, The Passano Foundation, Baltimore, Maryland
- 2015 - Lasker-Debakey Clinical Medical Research Award, Albert and Mary Lasker Foundation, New York, New York
- 2014 - Elected Fellow, American Association for Cancer Research Academy, Philadelphia, Pennsylvania
- 2014 - Breakthrough Prize in Life Sciences, San Francisco, California
- 2014 - Canada Gairdner International Award, Gairdner Foundation, Toronto, Canada
- 2014 - Massry Prize, The Meira and Shaul G. Massry Foundation, Beverly Hills, California
- 2013 - AACR-CRI Lloyd J. Old Award, American Association for Cancer Research, Philadelphia, Pennsylvania
- 2011 - Lifetime Achievement Award, American Association of Immunologists, Rockville, Maryland
- 2007 - Elected Member, National Academy of Medicine, Washington, DC
- 2006 - Elected Fellow, American Association for the Advancement of Science, Washington, DC
- 1997 - Elected Member, National Academy of Sciences, Washington, DC
- 1997 - Elected Fellow, American Academy of Microbiology, American Society for Microbiology, Washington, DC

*\*Affiliations reflective of time of award presentation.*





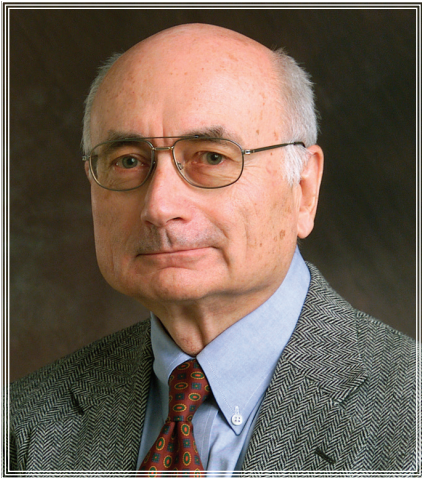
2014  
**ELAINE FUCHS, PHD, FAACR**

Rebecca C. Lancefield Professor of Mammalian Cell Biology and Development, The Rockefeller University; Investigator, Howard Hughes Medical Institute; New York, NY

For her scientific contributions that have illuminated how skin stem cells respond to environmental signals, change gene expression patterns, and remodel cellular interactions in epidermal development; and for discovering how stem cell activation processes may be deregulated in cancer.

**Other Selected Awards and Honors**

- 2015 - E. B. Wilson Medal, American Society for Cell Biology, Bethesda, Maryland
- 2013 - Passano Award, The Passano Foundation, Baltimore, Maryland
- 2013 - Robert J. and Claire Pasarow Foundation Medical Research Award in Cancer Research, Santa Monica, California
- 2013 - Elected Fellow, American Association for Cancer Research Academy, Philadelphia, Pennsylvania
- 2011 - Albany Medical Center Prize in Medicine and Biomedical Research, Albany, New York
- 2010 - L'Oreal UNESCO Awards for Women in Science, Paris, France
- 2009 - United States National Medal of Science, National Science Foundation, Washington, DC
- 2006 - Excellence in Science Award, FASEB, Bethesda, Maryland
- 2005 - Elected Member, American Philosophical Society, Philadelphia, Pennsylvania
- 2003 - Novartis-Drew Award in Biomedical Research, Madison, New Jersey
- 2001 - Richard Lounsbery Award, National Academy of Sciences, Washington, DC
- 1997 - Senior Women's Career Achievement Award, American Society for Cell Biology, Bethesda, Maryland
- 1996 - Elected Member, National Academy of Sciences, Washington, DC
- 1994 - Elected Fellow, American Academy of Arts and Sciences, Cambridge, Massachusetts
- 1994 - Elected Member, National Academy of Medicine, Washington, DC



2013  
**PETER K. VOGT, PHD, FAACR**

Professor, Department of Molecular and Experimental Medicine, The Scripps Research Institute, La Jolla, CA

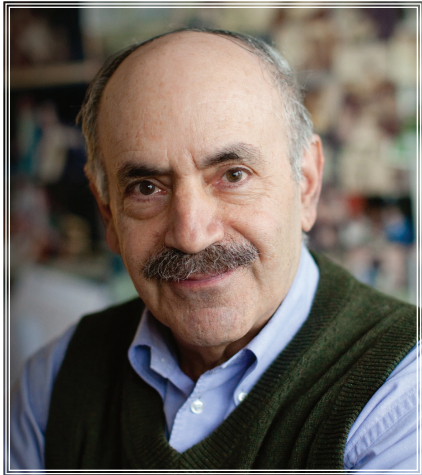
For his seminal discovery that the Rous sarcoma virus causes cancer through the activity of the src gene, representing the first-ever identification of a protooncogene and marking a turning point in the understanding of the fundamental genetic mechanisms of carcinogenesis.

**Other Selected Awards and Honors**

- 2019 - Louisa Gross Horwitz Prize, Columbia University, New York, New York
- 2017 - Prize for Scientific Excellence in Medicine, American Italian Cancer Foundation, New York, New York
- 2016 - Lifetime Achievement Award for Scientific Contributions, Institute of Human Virology, University of Maryland, Baltimore, Maryland
- 2013 - Elected Fellow, American Association for Cancer Research Academy, Philadelphia, Pennsylvania
- 2013 - Einstein Professorship, Chinese Academy of Sciences, Beijing, China
- 2010 - Szent-Györgyi Prize for Progress in Cancer Research, National Foundation for Cancer Research, Rockville, Maryland
- 2008 - Gregor Johann Mendel Medal for Merit in the Biological Sciences, Czech Academy of Sciences, Prague, Czech Republic
- 2004 - Elected Fellow, American Academy of Arts and Sciences, Cambridge, Massachusetts
- 2003 - Elected Member, National Academy of Medicine, Washington, DC
- 1998 - Elected Member, German National Academy of Sciences, Leopoldina, Halle, Germany
- 1991 - Elected Member, American Philosophical Society, Philadelphia, Pennsylvania
- 1991 - Charles S. Mott Prize, General Motors Cancer Research Foundation, New York, New York
- 1987 - Robert J. and Claire Pasarow Foundation Medical Research Award in Cancer Research, Santa Monica, California
- 1985 - Ernst Jung Prize for Medicine, Ernst Jung Foundation, Hamburg, Germany
- 1980 - Elected Member, National Academy of Sciences, Washington, DC

*\*Affiliations reflective of time of award presentation.*





2012  
**ROBERT A. WEINBERG, PHD, FAACR**

Founding Member, Whitehead Institute for Biomedical Research; Professor of Biology, Massachusetts Institute of Technology, Cambridge, MA

For his essential contributions to revolutionizing the fields of cellular and molecular biology and cancer genetics, highlighted by his discovery of the first human oncogene, Ras, and the first tumor suppressor gene, Rb.

**Other Selected Awards and Honors**

- 2016 - AACR Award for Lifetime Achievement in Cancer Research, American Association for Cancer Research, Philadelphia, Pennsylvania
- 2013 - Elected Fellow, American Association for Cancer Research Academy, Philadelphia, Pennsylvania
- 2013 - Inaugural Breakthrough Prize in Life Sciences, San Francisco, California
- 2007 - Otto Warburg Medal, German Society for Biochemistry and Molecular Biology, Frankfurt, Germany
- 2006 - Kirk A. Landon-AACR Prize for Basic Cancer Research, American Association for Cancer Research, Philadelphia, Pennsylvania
- 2004 - Wolf Prize in Medicine, Wolf Foundation, Tel Aviv, Israel
- 2000 - Elected Member, National Academy of Medicine, Washington, DC
- 1997 - Keio Medical Science Prize, Keio University, Tokyo, Japan
- 1997 - National Medal of Science, National Science Foundation, Washington, DC
- 1996 - AACR-G.H.A. Clowes Memorial Award, American Association for Cancer Research, Philadelphia, Pennsylvania
- 1992 - Elected Foreign Member, Royal Swedish Academy of Sciences, Stockholm, Sweden
- 1992 - Canada Gairdner International Award, Gairdner Foundation, Toronto, Canada
- 1989 - Elected Fellow, American Academy of Arts and Sciences, Cambridge, Massachusetts
- 1987 - Alfred P. Sloan, Jr., Prize, General Motors Cancer Research Foundation, New York, New York
- 1985 - Elected Member, National Academy of Sciences, Washington, DC



2011  
**PIER PAOLO PANDOLFI, MD, PHD**

Scientific Director, Institute of Cancer; Senior Scientist, Renown Health, Reno, NV

For his significant research findings in the field of molecular cancer biology, characterizing chromosomal translocations leading to acute promyelocytic leukemia, uncovering the molecular pathogenesis of fusion proteins, and ultimately leading to novel cancer therapeutics.

**Other Selected Awards and Honors**

- 2018 - Elected Fellow, Royal College of Physicians, London, United Kingdom
- 2017 - Elected Fellow, American Association for the Advancement of Science, Washington, DC
- 2015 - Knight, Ufficiale dell’Ordine della Stella d’Italia, Rome, Italy
- 2013 - Ethic International Award in Biomedicine, Oscar Pomilio Blumm Forum, Pescara, Italy
- 2013 - Guido Venosta Award for Cancer Research, Italian Foundation for Cancer Research (FICR), Rome, Italy
- 2012 - Premio Scanno in Medicine, Tanturri Foundation, Rome, Italy
- 2007 - Elected Member, European Molecular Biology Organization (EMBO), Heidelberg, Germany
- 2006 - Elected Member, Association of American Physicians, Belleville, Michigan
- 2006 - Elected Member, American Society for Clinical Investigation, Ann Arbor, Michigan
- 2005 - Prize for Scientific Excellence in Medicine, American-Italian Cancer Foundation, New York, New York
- 2002 - Stohlman Award, Leukemia Society of America, Rye Brook, New York
- 2001 - Sergio Lombroso Award in Cancer Research, Weizmann Institute of Science, Rehovot, Israel
- 2000 - Hamdan Award for Medical Research Excellence, Shaikh Hamdan Bin Rashid Maktoum Dubai, United Arab Emirates
- 1999 - Louise and Allston Boyer Young Investigator Award in Biomedical Research, Memorial Sloan Kettering Cancer Center, New York, New York
- 1999 - Scholar Award, Leukemia Society of America, Rye Brook, New York

*\*Affiliations reflective of time of award presentation.*





2010  
**JOSEPH SCHLESSINGER, PHD, FAACR**

William H. Prusoff Professor of Pharmacology; Chair, Department of Pharmacology; Co-Director, Cancer Biology Institute, Yale School of Medicine, New Haven, CT

For his scientific contributions to the understanding of intracellular signaling pathways, including his description of the mechanism of action by which activated receptor tyrosine kinases bind to signaling proteins via Src homology 2 (SH2) and phosphotyrosine binding (PTB) domains.

Other Selected Awards and Honors

- 2016 - Elected Fellow, American Association for Cancer Research Academy, Philadelphia, Pennsylvania
- 2014 - BBVA Foundation Frontiers of Knowledge Award, Madrid, Spain
- 2009 - Order of Danica Hrvatska Medal, Republic of Croatia
- 2008 - Elected Foreign Member, Croatian Academy of Science, Zagreb, Croatia
- 2006 - Dan David Prize, Dan David Foundation, Tel Aviv University, Tel Aviv, Israel
- 2006 - Elected Foreign Member, Russian Academy of Sciences, Moskva, Russia
- 2004 - Elected Member, National Academy of Medicine, Washington, DC
- 2004 - Elected Member, European Academy of Sciences, Brussels, Belgium
- 2001 - Elected Fellow, American Academy of Arts and Sciences, Cambridge, Massachusetts
- 2000 - Elected Member, National Academy of Sciences, Washington, DC
- 2000 - J. Allyn Taylor International Prize in Medicine, Roberts Research Institute, Ontario, Canada
- 1995 - Novartis-Drew Award in Biomedical Research, Madison, New Jersey
- 1995 - Prix Antoine Lacassagne, French League against Cancer, Paris, France



2009  
**NAPOLEONE FERRARA, MD, FAACR**

Distinguished Professor of Pathology; Adjunct Professor of Ophthalmology and Pharmacology; Hildyard Endowed Chair in Eye Disease, University of California, San Diego Moores Cancer Center, San Diego, CA

For his groundbreaking discovery of vascular endothelial growth factor (VEGF), and for describing its role in promoting angiogenesis in tumors and subsequently developing bevacizumab to inhibit blood vessel growth in multiple cancer types.

Other Selected Awards and Honors

- 2014 - Canada Gairdner International Award, Gairdner Foundation, Toronto, Canada
- 2013 - Breakthrough Prize in Life Sciences, San Francisco, California
- 2013 - Elected Fellow, American Association for Cancer Research Academy, Philadelphia, Pennsylvania
- 2012 - Innovation Award in Bioscience, The Economist, London, United Kingdom
- 2011 - Dr. Paul Janssen Award for Biomedical Research, Johnson and Johnson, Raritan, New Jersey
- 2010 - Lasker-DeBakey Clinical Medical Research Award, Albert and Mary Lasker Foundation, New York, New York
- 2010 - Michaelson Macula Society Award, Macula Society, Beachwood, Ohio
- 2007 - Science of Oncology Award, American Society of Clinical Oncology, Alexandria, Virginia
- 2006 - General Motors Cancer Research Award, General Motors Cancer Research Foundation, New York, New York
- 2006 - Passano Award, The Passano Foundation, Baltimore, Maryland
- 2006 - Elected Member, National Academy of Sciences, Washington, DC
- 2005 - AACR -Bruce F. Cain Memorial Award, American Association for Cancer Research, Philadelphia, Pennsylvania
- 2004 - Prize for Scientific Excellence in Medicine, American-Italian Cancer Foundation, New York, New York

*\*Affiliations reflective of time of award presentation.*





2008  
**AXEL ULLRICH, PHD, FAACR**

Emeritus Scientific Member, Max Planck Institute of Biochemistry, Martinsried, Germany

For his fundamental discoveries in signal transduction research that include the identification of the primary structure of the human epidermal growth factor receptor (EGFR), providing key insights into the genomic determinants that promote cancer progression and the development of novel cancer treatments notably the FDA-approved therapeutics Herceptin and TENT/Sunitinib.

**Other Selected Awards and Honors**

- 2019 - Lasker-Debakery Clinical Medical Research Award, Albert and Mary Lasker Foundation, New York, New York
- 2014 - Elected Fellow, American Association for Cancer Research Academy, Philadelphia, Pennsylvania
- 2013 - Elected Member, Hungarian Academy of Sciences, Budapest, Hungary
- 2010 - Wolf Prize in Medicine, Wolf Foundation, Tel Aviv, Israel
- 2009 - Debrecen Award for Molecular Medicine, University of Debrecen, Debrecen, Hungary
- 2009 - Cross of Merit 1st Class, Order of Merit of the Federal Republic of Germany, Berlin, Germany
- 2008 - Hamdan Award for Medical Research Excellence, Shaikh Hamdan Bin Rashid Maktoum, Dubai, United Arab Emirates
- 2007 - Warren Alpert Foundation Prize, Warren Alpert Foundation, Providence, Rhode Island
- 2005 - Otto Warburg Medal, German Society for Biochemistry and Molecular Biology, Frankfurt, Germany
- 2005 - Elected Foreign Member (hon), American Academy of Arts and Sciences, Cambridge, Massachusetts
- 2003 - King Faisal International Prize for Science, King Faisal Foundation, Riyadh, Saudi Arabia
- 2001 - Robert Koch Award, Robert Koch Foundation, Berlin, Germany
- 2000 - Elected Member, German National Academy of Sciences Leopoldina, Halle, Germany
- 2000 - AACR-Bruce F. Cain Memorial Award, American Association for Cancer Research, Philadelphia, Pennsylvania
- 1998 - German Cancer Prize, German Cancer Society, Frankfurt, Germany
- 1991 - Prix Antoine Lacassagne, French League against Cancer, Paris, France



2007  
**MINA J. BISSELL, PHD, FAACR**

Distinguished Scientist, Biological Systems and Engineering Division, Lawrence Berkeley National Laboratory, Berkeley, CA

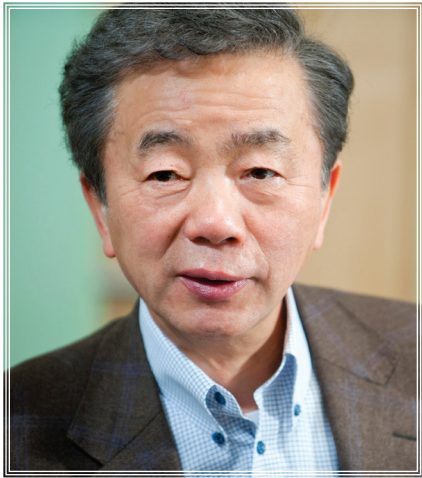
For her pivotal scientific discoveries in epithelial tumor biology that have effectively shaped the understanding of the mechanisms by which the extracellular matrix and tumor microenvironment regulate gene expression and the stability of the differentiated cellular states in normal and malignant tissues.

**Other Selected Awards and Honors**

- 2019- Jonathan E. Rhoads Gold Medal for Distinguished Service to Medicine, American Philosophical Society, Philadelphia, Pennsylvania
- 2019 - Weizmann Women & Science Award, Weizmann Institute of Science, Tel Aviv, Israel
- 2014 - AACR Award for Lifetime Achievement in Cancer Research, American Association for Cancer Research, Philadelphia, Pennsylvania
- 2013 - Elected Fellow, American Association for Cancer Research Academy, Philadelphia, Pennsylvania
- 2012 - AACR Distinguished Achievement Award in Breast Cancer Research, American Association for Cancer Research, Philadelphia, Pennsylvania
- 2012 - Lifetime Achievement Award, Lawrence Berkeley National Laboratory, Berkeley, California
- 2010 - Elected Member, National Academy of Sciences, Washington, DC
- 2010 - Elected Fellow, Royal Society of Chemistry, London, United Kingdom
- 2007 - Elected Fellow, American Philosophical Society, Philadelphia, Pennsylvania
- 2008 - Medal of Honor for Clinical Research, American Cancer Society, Atlanta, Georgia
- 2003 - Brinker Award for Scientific Distinction in Basic Science, Susan G. Komen®, Dallas, Texas
- 2002 - Elected Fellow, American Academy of Arts and Sciences, Cambridge, Massachusetts
- 1999 - AACR-G.H.A. Clowes Memorial Award, American Association for Cancer Research Academy, Philadelphia, Pennsylvania
- 1997 - Elected Member, National Academy of Medicine, Washington, DC
- 1994 - Elected Fellow, American Association for the Advancement of Science, Washington, DC

*\*Affiliations reflective of time of award presentation.*





2006  
**TADATSUGU TANIGUCHI, PHD, FAACR**

Professor and Chair, Immunology Laboratory, Graduate School of Medicine, University of Tokyo, Tokyo, Japan

For his groundbreaking discoveries that include the isolation and characterization of the first cytokine genes (interferon- $\beta$  and interleukin-2), the discovery of the IRF family of transcription factors, and the subsequent elucidation of their molecular functions in cancer.

**Other Selected Awards and Honors**

- 2021 - Elected Fellow, American Association for Cancer Research Academy, Philadelphia, Pennsylvania
- 2018 - Elected Foreign Associate, European Molecular Biology Organization, Heidelberg, Germany
- 2016 - Elected International Member, National Academy of Medicine, Washington, DC
- 2009 - Person of Cultural Merit, Government of Japan, Tokyo, Japan
- 2008 - Tomizo Yoshido Award, Japanese Cancer Association, Tokyo, Japan
- 2003 - Elected Foreign Associate, National Academy of Sciences, Washington, DC
- 2000 - Japan Academy Prize, Japan Academy, Tokyo, Japan
- 1997 - Keio Medical Science Prize, Keio University, Tokyo, Japan
- 1991 - Robert Koch Prize for Excellence in Scientific Achievement, Robert Koch Foundation, Berlin, Germany
- 1989 - Asahi Prize, Asahi Shimbun Foundation, Osaka, Japan
- 1988 - Seymour & Vivian Milstein Award for Excellence in Interferon and Cytokine Research, International Cytokine and Interferon Society, Oradell, New Jersey
- 1986 - Armand Hammer Prize for Cancer Research



2005  
**LEWIS C. CANTLEY, PHD, FAACR**

Meyer Director, Sandra and Edward Meyer Cancer Center; Professor of Cancer Biology in Medicine, Weill Cornell Medical College, New York, NY

For his outstanding contributions to the field of signal transduction, including the discovery of phosphoinositide 3-kinase (PI3K) and the elucidation of its role in signal transduction, and for the establishment of methods for unbiased determination of protein-protein interactions and kinase specificity.

**Other Selected Awards and Honors**

- 2019 - Louisa Gross Horwitz Prize, Columbia University, New York, New York
- 2016 - Wolf Prize in Medicine, Wolf Foundation, Tel Aviv, Israel
- 2016 - Basic Research Award, Hope Funds for Cancer Research, Newport, Rhode Island
- 2015 - Canada Gairdner International Award, Gairdner Foundation, Toronto, Canada
- 2015 - Ross Prize in Molecular Medicine, Manhasset, New York
- 2015 - AACR-Princess Takamatsu Memorial Lectureship, American Association for Cancer Research, Philadelphia, Pennsylvania
- 2014 - Elected Member, National Academy of Medicine, Washington, DC
- 2014 - Elected Fellow, American Association for Cancer Research Academy, Philadelphia, Pennsylvania
- 2013 - Breakthrough Prize in Life Sciences, San Francisco, California
- 2011 - Robert J. and Claire Pasarow Foundation Medical Research Award in Cancer Research, Santa Monica, California
- 2009 - Rolf Luft Award, Karolinska Institute, Stockholm, Sweden
- 2002 - Caledonian Prize Lectureship in Biomedical Science, Royal Society of Edinburgh, Edinburgh, United Kingdom
- 2001 - Elected Fellow, National Academy of Sciences, Washington, DC
- 2000 - Heinrich Wieland Prize for Lipid Research, Boehringer Ingelheim Foundation, Mainz, Germany
- 1999 - Elected Member, American Academy of Arts and Sciences, Cambridge, Massachusetts





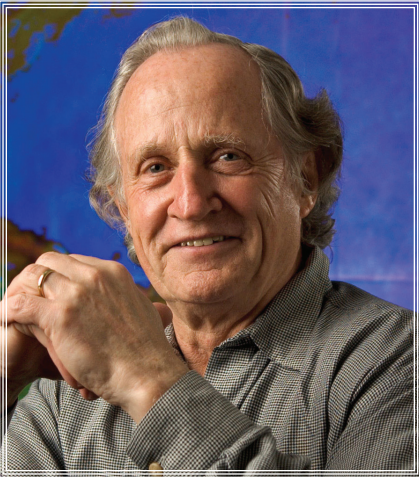
2004  
**STANLEY J. KORSMEYER, MD<sup>†</sup>** (1950-2005)

Investigator, Howard Hughes Medical Institute, Sidney Farber Professor of Pathology and Professor Medicine, Dana-Farber Cancer Institute, Harvard Medical School, Boston, MA

For his landmark experiments involving lymphoma patient-derived cell lines that established the primary role of Bcl-2 in programmed cell death, for demonstrating its role in regulating cell survival, and for identifying key family members including Bad and Bid, which led to the subsequent development of small molecule Bcl-2 inhibitors.

Other Selected Awards and Honors

- 2004 - Stratton Medal, American Society of Hematology, Washington, DC
- 2002 - Elected Member, National Academy of Medicine, Washington, DC
- 2002 - Wiley Prize in Biomedical Sciences, Hoboken, New Jersey
- 2002 - Elected Member, American Philosophical Society, Philadelphia, Pennsylvania
- 2000 - Louisa Gross Horwitz Prize, Columbia University, New York, New York
- 1998 - Charles S. Mott Prize, General Motors Cancer Research Foundation, New York, New York
- 1997 - Bristol-Myers Squibb Award for Distinguished Achievement in Cancer Research, New York, New York
- 1995 - Elected Member, National Academy of Sciences, Washington, DC



2003  
**MARIO R. CAPECCHI, PHD, FAACR**

Professor, Department of Human Genetics; Adjunct Professor, Department of Oncological Sciences, University of Utah, Salt Lake City, UT

For the discovery, development, and application of targeted mutagenesis in mouse embryonal stem cells, which ultimately revolutionized the field of mouse genetics to model human disease by helping to elucidate the molecular mechanisms responsible for tumorigenesis and providing cancer models for the testing of novel therapeutics. These significant research findings were recognized by the 2007 Nobel Prize in Physiology or Medicine.

Other Selected Awards and Honors

- 2015 - AACR Award for Lifetime Achievement in Cancer Research, American Association for Cancer Research, Philadelphia, Pennsylvania
- 2015 - Elected Member, National Academy of Medicine, Washington, DC
- 2009 - Elected Fellow, American Academy of Arts and Sciences, Cambridge, Massachusetts
- 2007 - **Nobel Prize in Physiology or Medicine**, Stockholm, Sweden
- 2005 - Prize in Developmental Biology, March of Dimes, White Plains, New York
- 2003 - Elected Fellow, American Association for Cancer Research Academy, Philadelphia, Pennsylvania
- 2002/03 - Wolf Prize in Medicine, Wolf Foundation, Tel Aviv, Israel
- 2002 - Massry Prize, The Meira and Shaul G. Massry Foundation, Beverly Hills, California
- 2001 - National Medal of Science, National Science Foundation, Washington, DC
- 2001 - Elected Fellow, American Association for the Advancement of Science, Washington, DC
- 2001 - Albert Lasker Award for Basic Medical Research, New York, New York
- 1998 - Baxter Award for Distinguished Research in the Biomedical Sciences, Association of American Medical Colleges, Washington, DC
- 1996 - Kyoto Prize in Basic Sciences, Inamori Foundation, Kyoto, Japan
- 1993 - Canada Gairdner International Award, Gairdner Foundation, Toronto, Canada
- 1991 - Elected Member, National Academy of Sciences, Washington, DC

*\*Affiliations reflective of time of award presentation.*





2002  
**CARL-HENRIK HELDIN, PHD**

Professor, Department of Medical Biochemistry and Microbiology, Uppsala University, Uppsala, Sweden

For his formative contributions to our understanding of growth factor-mediated signal transduction in mammalian cells, particularly platelet-derived growth factor (PDGF), and transforming growth factor (TGF-β) signaling.

**Other Selected Awards and Honors**

- 2016 - Elected Fellow, American Academy of Arts and Sciences, Cambridge, Massachusetts
- 2016 - H. M. The Kings Medal, Swedish Royal Court, Stockholm, Sweden
- 2012 - Honorary Medal, Signal Transduction Society, Hannover, Germany
- 2011 - Berzelius Medal, Royal Swedish Academy, Stockholm, Sweden
- 1999 - Meyenburg Prize, Meyenburg Foundation, Heidelberg, Germany
- 1999 - Elected Member, Academia Europaea, London, United Kingdom
- 1992 - EMBO Gold Medal, European Molecular Biology Organization, Heidelberg, Germany
- 1991 - Elected Member, Royal Swedish Academy of Sciences, Stockholm, Sweden
- 1989 - Elected Member, European Molecular Biology Organization (EMBO), Heidelberg, Germany
- 1989 - Prix Antoine Lacassagne, French League against Cancer, Paris, France



2001  
**ELIZABETH H. BLACKBURN, PHD, FAACR**

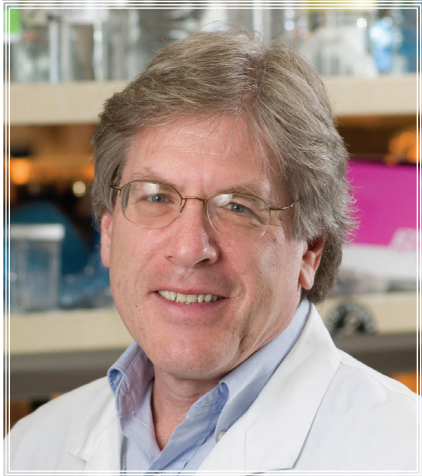
Morris Herztein Professor Emerita of Biology and Physiology, Department of Biochemistry and Biophysics, University of California, San Francisco San Francisco, CA

For her seminal contributions to the discovery of telomerase, and for defining its role in maintaining telomeres and protecting chromosomal ends from degradation, processes that have since been identified as critically important during DNA replication and cell division. These fundamental contributions to cellular and molecular biology were celebrated by the 2009 Nobel Prize in Physiology or Medicine.

**Other Selected Awards and Honors**

- 2015 - Royal Medal, The Royal Society, London, United Kingdom
- 2013 - Elected Fellow, American Association for Cancer Research Academy, Philadelphia, Pennsylvania
- 2010 - President, American Association for Cancer Research, Philadelphia, Pennsylvania
- 2010 - Elected Fellow, Royal Society of New South Wales, Sidney, Australia
- 2009 - **Nobel Prize in Physiology or Medicine**, Stockholm, Sweden
- 2007 - Elected Fellow, Australian Academy of Science, Canberra, Australia
- 2007 - Louisa Gross Horwitz Prize, Columbia University, New York, New York
- 2006 - Albert Lasker Basic Medical Research Award, New York, New York
- 2006 - Wiley Prize in Biomedical Sciences, Hoboken, New Jersey
- 2003 - Robert J. and Claire Pasarow Foundation Medical Research Award in Cancer Research, Santa Monica, California
- 2000 - Elected Member, National Academy of Medicine, Washington, DC
- 2000 - AACR-G.H.A. Clowes Memorial Award, American Association for Cancer Research, Philadelphia, Pennsylvania
- 1999 - Passano Award, The Passano Foundation, Baltimore, Maryland
- 1992 - Elected Fellow, The Royal Society, London, United Kingdom
- 1991 - Elected Fellow, American Academy of Arts and Sciences, Cambridge, Massachusetts





2000

CHARLES J. SHERR, MD, PHD, FAACR

Chair, Department of Tumor Cell Biology; Herrick Foundation Chair, St. Jude Children’s Research Hospital, Memphis, TN

For his discovery of three mammalian D-type G1 phase cyclins and associated cyclin-dependent kinases, including CDK4, and for elucidating their roles in cellular proliferation, replication, and neoplastic transformation.

Other Selected Awards and Honors

- 2019 - C. Chester Stock Award Lectureship, Memorial Sloan-Kettering Cancer Center, New York, New York
- 2013 - Prize for Scientific Excellence in Medicine, American-Italian Cancer Foundation, New York, New York
- 2013 - Elected Fellow, American Association for Cancer Research Academy, Philadelphia, Pennsylvania
- 2010 - Elected Fellow, American Association for the Advancement of Science, Washington, DC
- 2004 - Elected Member, National Academy of Medicine, Washington, DC
- 2004 - Charles S. Mott Prize, General Motors Cancer Research Foundation, New York, New York
- 2003 - AACR-Landon Prize for Basic Cancer Research, American Association for Cancer Research, Philadelphia, Pennsylvania
- 2000 - Bristol Myers-Squibb Achievement Award for Basic Cancer Research, Bristol-Meyers Squibb Foundation, New York, New York
- 1995 - Elected Member, National Academy of Sciences, Washington, DC
- 1991 - Elected Member, Association of American Physicians, Belleville, Michigan
- 1987 - William Damashek Prize, American Association of Hematology, Washington, DC



1999

CARLO M. CROCE, MD, FAACR

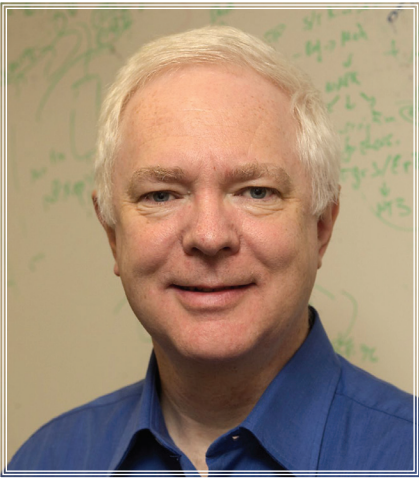
John W. Wolfe Chair in Human Cancer Genetics; Member, Cancer Biology Program, Ohio State University Comprehensive Cancer Center, Columbus, OH

For his extensive series of discoveries that have significantly extended the understanding of the genetic basis of Burkitt ‘s lymphoma, T-cell lymphoma, and acute leukemia, including his discovery that chromosomal abnormalities involving immunoglobulin gene loci and Myc are capable of contributing to both cancer initiation and progression.

Other Selected Awards and Honors

- 2017 - AACR Margaret Foti Award for Leadership and Extraordinary Achievements in Cancer Research, American Association for Cancer Research, Philadelphia, Pennsylvania
- 2011 - Szent-Györgyi Prize for Progress in Cancer Research, National Foundation for Cancer Research, Rockville, Maryland
- 2013 - Elected Fellow, American Association for Cancer Research Academy, Philadelphia, Pennsylvania
- 2011 - Elected Member, National Academy of Medicine, Washington, DC
- 2010 - Elected Fellow, American Academy of Arts and Sciences, Cambridge, Massachusetts
- 2006 - AACR-G.H.A. Clowes Memorial Award, American Association for Cancer Research, Philadelphia, Pennsylvania
- 2005 - Jeffrey A. Gottlieb Memorial Award, MD Anderson Cancer Center, Houston, Texas
- 2003 - The National Prize of the President of the Republic, Accademia dei Lincei, Rome, Italy
- 1999 - Raymond Bourguine Award for Excellence in Cancer Research, Laboratoires Pierre Fabre, Paris, France
- 1996 - Elected Member, National Academy of Sciences, Washington, DC
- 1993 - Charles S. Mott Prize, General Motors Cancer Research Foundation, New York, New York
- 1992 - Premio Scanno in Medicine, Tanturri Foundation, Rome, Italy





1998

ANTHONY J. PAWSON, PHD<sup>†</sup> (1952-2013)

Senior Scientist and Head, Programme in Molecular Biology and Cancer, Samuel Lunnenfeld Research Institute; Apotex Chair in Oncology, Mount Sinai Hospital; Professor, University of Toronto, Terry Fox Cancer Research Scientist, National Cancer Institute of Canada, Toronto, Canada

For his fundamental research in revolutionizing the understanding of signal transduction and the molecular mechanisms by which cells respond to external cues, and for his discovery of Src homology 2 (SH2) domains, which have been since proven critical for protein-protein interactions.

Other Selected Awards and Honors

- 2008 - Kyoto Prize in Basic Sciences, Inamori Foundation, Kyoto, Japan
- 2006 - Order of the Companions of Honour, Commonwealth realms, London, United Kingdom
- 2005 - Royal Medal, The Royal Society, London, United Kingdom
- 2005 - Wolf Prize in Medicine, Wolf Foundation, Tel Aviv, Israel
- 2004 - Elected Fellow, American Academy of Arts and Sciences, Cambridge, Massachusetts
- 2004 - Elected Foreign Associate, National Academy of Sciences, Washington, DC
- 2004 - Louisa Gross Horwitz Prize, Columbia University, New York, New York
- 1998 - Heineken Prize for Biochemistry and Biophysics, Royal Netherlands Academy of Sciences, Amsterdam, The Netherlands
- 1995 - Robert L. Noble Prize, Canadian Cancer Society, Toronto, Canada
- 1994 - Elected Fellow, The Royal Society, London, United Kingdom
- 1994 - Elected Fellow, Royal Society of Canada, Ottawa, Canada
- 1994 - Canada Gairdner International Award, Gairdner Foundation, Toronto, Canada

2022 AWARD

PROGRAM GUIDELINES

AWARD SUMMARY

The prestigious Pezcoller Foundation-AACR International Award for Extraordinary Achievement in Cancer Research was established in 1997 to recognize a scientist of international renown who has made a major scientific discovery in basic cancer research or who has made significant contributions to translational cancer research.

Eligible candidates must continue to be active in cancer research; have a record of recent, noteworthy publications; and be conducting ongoing work that holds promise for continued substantive contributions to progress in the field of cancer.

The award is intended to honor an individual scientist. However, more than one scientist may be co-nominated and selected to share the award in the event that their investigations are intimately related in subject matter and have resulted in work that is worthy of the award and a joint nomination.

The award recipient will receive an unrestricted grant, a commemorative award plaque, and present a featured scientific lecture in conjunction with the AACR Annual Meeting immediately following their selection. The award recipient will also be invited to present a featured scientific lecture at the University of Trento, in conjunction with the official award ceremony to be held in Trento, Italy in May 2022.

ELIGIBILITY

CRITERIA

Cancer researchers affiliated with any institution involved in cancer research, cancer medicine, or cancer-related science anywhere in the world may be nominated. Such institutions include those in academia, industry, or government.

Individuals who have previously been awarded the Nobel Prize in any category are ineligible to receive this award.

Institutions and/or organizations are not eligible to receive the award.

NOMINATION

DEADLINE FOR THE

2022 AWARD

September 30, 2021

NOMINATION

PROCESS

Nominations may be submitted by any individual, whether an AACR member or nonmember, who is currently or has previously been affiliated with any institution involved in cancer research, cancer medicine, or cancer-related sciences.

Self-nominations are prohibited.

Nominators must maintain strict confidentiality of their nominations, and all nominations must be submitted electronically to <https://myaacr.aacr.org>. Paper nominations will not be accepted.

Eligible nominations must include the following:

- A nomination letter written in English (Max: 1,000 words), which comprehensively describes the candidate’s major scientific discovery in basic cancer research or significant contributions to translational cancer research, and the impact of these accomplishments on the cancer field. Letter must specifically outline the candidate’s current research activity and indicate how their research holds promise for continued substantive contributions to the field. All publications that directly support the mentioned research accomplishments must be referenced within the provided letter.

- A brief scientific citation (Max: 50 words) highlighting the major scientific contribution(s) justifying the award candidate’s nomination.





Eligible nominees will be considered by a prestigious Pezcoller Foundation-AACR International Award for Extraordinary Achievement in Cancer Research Selection Committee consisting of an international cohort of renowned cancer leaders appointed by the AACR President in consultation with the Pezcoller Foundation Council.

The Pezcoller Foundation-AACR International Award for Extraordinary Achievement in Cancer Research Selection Committee will consider all nominations as they have been submitted and are restricted from combining submitted nominations, adding new nominees, or otherwise making alterations to any submitted nomination.

Once chosen, the primary and alternate award recipient selections made by the Pezcoller Foundation-AACR International Award for Extraordinary Achievement in Cancer Research Selection Committee shall be sent to the AACR Executive Committee and the Pezcoller Foundation Council for final consideration and ratification.

Selection of the award recipient shall be made on the basis of the candidate's scientific accomplishments without regard to race, gender, nationality, geographic location, or religious or political views.

Please direct all inquiries pertaining to this award to Michael J. Powell, PhD, Deputy Director of Scientific Programs, at **michael.powell@aacr.org** or by phone at **(215) 440-9373**.

Please direct all inquiries pertaining to this award to Michael J. Powell, PhD, Deputy Director of Scientific Programs, at **michael.powell@aacr.org** or by phone at **(215) 440-9373**.





**Fondazione  
Pezcoller**

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