

American Society for **Transplantation and Cellular Therapy**

2019 Annual Report

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MESSAGE FROM THE PRESIDENT

2019 has come and gone—boy, time flies when you are having a good time. It seems like yesterday when Dr. DiPersio handed me the then-ASBMT gavel at the 2019 TCT Meetings of ASB-MT and CIBMTR in Houston. I have to confess I was not told, and did not know, what to do with it at that moment. Someone noticed my bewildered look and yelled "hit it!" and I gently tapped it on the podium. Then someone yelled "harder," and I pulled into the force of all our presidents past and brought that gavel down—so that was my first act as ASTCT president - where I almost broke our society's relic (hint, I am eagerly looking forward to the next Star Wars movie in a few weeks).

Although the gavel is intact, we did break ground into the future that day, by transitioning from the ASBMT to the ASTCT. I will share that even though there was great enthusiasm and consensus within our Board to change the name, there was trepidation—after all, we had something really good going for us for 25 years. After seeing where the transplantation and cellular therapy field is going from a vantage point, I can confidently say that all fears have been laid to rest and we did make the right decision at the right time. In fact, several other international sister societies are following suit and have either changed or are considering adding "cellular therapy" in their names.

In our initial discussions about changing society's name, we had also talked about our journal which is one of the flagship products of the ASTCT. Over the past year, under the leadership of our Editor-in-Chief, Dr. Korngold, we have worked on obtaining feedback from the Editorial Board and the Publications Committee. The conversations were hard, thoughtful and deliberative—especially given that our journal is doing so well and continues to rise, thanks to the efforts of our Editorial Board, reviewers and our colleagues who submit high-quality research to it.

I am delighted to share that the ASTCT Board unanimously voted in our October meeting to change the name of the journal from Biology of Blood and Marrow Transplantation to Transplantation and Cellular Therapy. With this, the transition of our society to better reflect what all of us are already doing in the cell therapy space will be complete. The new name will become effective in January 2021; stay tuned for more information this year as we gear up for some very exciting new direction for our journal.

I usually take the end of the year—and the New Year—as an opportunity to reflect, to celebrate and to remember. 2019 was an incredible year for the ASTCT. I am very proud of the work all of you have done—our volunteers and members - your passion and commitment to the field and the society is what keeps us going. A shout out to our ASTCT staff team—they do an incredible job in supporting the society. They provided an overview of ongoing and completed projects during our October Board meeting—I am aware of the work they are doing, but I was blown away with our progress since this was the first time I saw it all come together.

I will end with a story of joy and thanks. I care for a young lady with bad leukemia, who is around a year out from an unrelated donor transplant. Her husband signed up for Be The Match registry when she was going through the transplant process. Recently, he learned that he is a match to a patient who needs a transplant and will be donating marrow soon. They are overjoyed and thankful for this opportunity to give back. Their experience encapsulates the impact all of you have on patients—irrespective of whether you focus on clinical care or research or support our community and field in any capacity.

Explore our new and completely revamped ASTCT website, if you have not done so already. And have a very happy, healthy and prosperous 2020.

ABOUT ASTCT

The American Society for Transplantation and Cellular Therapy is an international professional membership association of more than 2,200 physicians, investigators and other health care professionals from more than 45 countries. Our mission is dedicated to improving the application and success of bone and marrow transplantation and related cellular therapies. We strive to be the leading organization promoting research, education and clinical practice in the field.

ASTCT PROMOTES:

- Education
- Scholarly publications, including the renowned journal Biology of Blood and Marrow Transplantation
- Clinical standards
- Research
- Patient access to care

- Recruitment of professionals to the field
- Identification and support for the work of young investigators
- Adoption of government policies and regulations helpful to advancing quality patient care

WE HELP OUR MEMBERS:

- Advance their skills and expertise in the field
- Stay on top of the latest developments through our various publications
- Solicit expert counsel from their peers on challenging cases
- Find jobs and identify training opportunities

- Find highly qualified job candidates for their centers or organizations
- Network with and learn from the ASTCT community at meetings and events
- Get actively engaged through committees, special interest groups and the Corporate Council



ASTCT 2019 BOARD MEMBERS

EXECUTIVE COMMITTEE



Navneet Majhail, MD, MS, President Cleveland Clinic 9500 Euclid Ave, Desk R35 Cleveland, OH 44195



Pavan Reddy, MD, President-Elect University of Michigan 1500 E. Medical Center Dr Ann Arbor, MI 48109



John DiPersio, MD, PhD, **Immediate Past President** Washington University School of Medicine, Division of Oncology 660 S Euclid Ave, Box 8007 St Louis. MO 63110-1093



Stella Davies, MBBS, PhD, Vice President Cincinnati Children's Hospital 3333 Burnet Ave MLC 11027 Cincinnati, OH 45229



Miguel-Angel Perales, MD, Secretary 2017-2020 Memorial Sloan-Kettering Cancer Center 1275 York Ave New York, NY 10065



Corey S. Cutler, MD, MPH, Treasurer 2018-2021 Dana-Farber Cancer Institute 450 Brookline Ave Boston, MA 02215

ASTCT 2019 BOARD MEMBERS

ELECTED DIRECTORS



Dan Couriel MD, MS, Univeristy of Utah University of Utah 2000 Circle of Hope Suite 2151 Salt Lake City, UT 841129



John Koreth, MBBS, DPhil, At Large 2018-2021 Dana-Farber Cancer Institute 450 Brookline Avenue Boston MA, 02215



William R. Drobyski, MD, Laboratory Science 2017-2020 Medical College of Wisconsin 8701 Watertown Plank Rd Milwaukee, WI 53226



Bipin N. Savani, MD, Community or Clinical Practice 2018-2021 Vanderbilt University Medical Center Division of Hematology/Oncology 1301 Medical Center Drive, Suite 3927 Nashville, TN 37232-5505



Katharine C. Hsu, MD, PhD Memorial Sloan-Kettering Cancer Ctr 1275 York Ave New York, NY 10065



John E. Wagner, MD, Community or Clinical Practice 2017-2020 University of Minnesota 420 Delaware St SE MMC 366 Minneapolis, MN 55455



Mary Flowers, MD, At Large 2017-2020 Fred Hutchinson Cancer Research Center 1100 Fairview Ave N D5-290 Seattle, WA 98109



Robert Korngold, PhD, Editor-in-Chief, BBMT Hackensack University Medical Center David Joseph Jurist Institute for Research 40 Prospect Avenue, Room 356 Hackensack, NJ 07601



Jennifer Holter, MD, PhD Memorial Sloan-Kettering Cancer Ctr 1275 York Ave New York, NY 10065



Katy Rezvani, MD, PhD, MD Anderson Cancer Center 1515 Holcombe, Unit 0423 Houston, TX 77030

EX-OFFICIO MEMBERS OF THE

BOARD (NON-VOTING)



Stefanie Sarantopoulos, MD, PhD, Laboratory Science 2018-2021 Duke University School of Medicine DUMC Box 3961 Durham, NC 27710

MEMBERSHIP REPORT

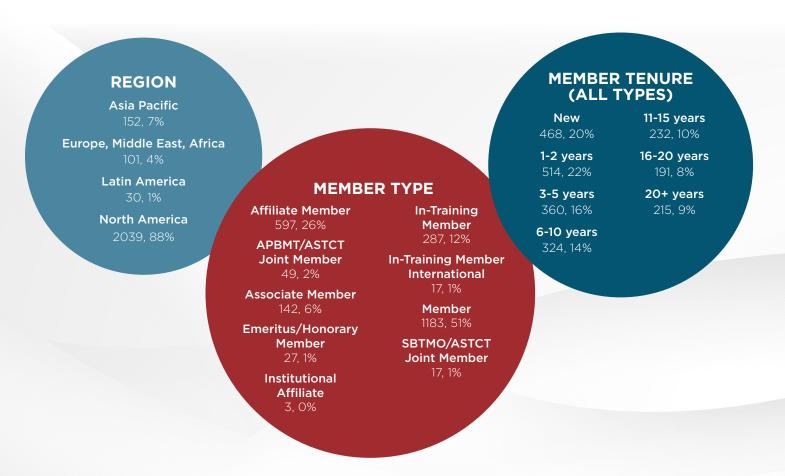
ASTCT members span the entire field of transplantation and cellular therapy - from basic science research, to direct patient care.

ASTCT offers a variety of membership types, including: affiliate, joint, associate, honorary, in-training, international and new in 2019 institutional.

Institutional members enjoy the same benefits as individual ASTCT affiliate members, including access to the community, the ability to participate in SIGs and Committees, subscriptions to BBMT, access to policy and reimbursement updates, and discounted registration to the TCT Meetings. The institutional membership enables institutions to bring more of the employees in their cell therapy programs to participate in ASTCT as affiliate members. We're pleased to now be able to offer this. Get actively engaged through committees, special interest groups and the Corporate Council.

ABOUT ASTCT MEMBERS

Total Membership = 2287



To join us, visit www.ASTCT.org or email us at info@astct.org

BRAND DEVELOPMENT

ASTCT, formerly ASBMT, announced its new name at the annual Transplantation and Cellular Therapy Meetings, which is hosted annually in collaboration with the Center for International Blood and Marrow Transplant Research (CIBMTR).

The ASTCT name was chosen to acknowledge the rapid shift toward cellular therapies, and to reflect the organization's 25 years of leadership in that field, along with transplantation.

ALONG WITH THE NEW NAME, CAME A NEW VISION AND MISSION:

Vision: ASTCT strives to be the leading organization promoting research, education and clinical practice in the field of blood and marrow transplantation and related cellular therapy.

Mission: ASTCT is the professional association dedicated to improving the application and success of blood and marrow transplantation and related cellular therapies.

Throughout the year, updates were made to all branded materials and communication channels. The final piece of the rebrand project came with the launch of the new ASTCT website in November, which included the content hub, Nucleus; the core of news and information for the cellular therapy community.

Our goal is that members and new visitors alike. will find the overall user experience significantly improved as they navigate through topics on the site such as; the latest news in reimbursement and coding, registration for upcoming events, or joining our community as a new member.

For our members, the opportunities to get involved with SIGs or Committees, engage in online discussions, and share information, have gotten easier. And your member homepage will be customized to everything that relevant to you!

Connect with members through the online member directory.

A huge thank you to the website development task force who played a crucial role in creation and review of the site.



BRAND DEVELOPMENT

Another change that's coming in 2020, as a direct result of the Society's rebrand, is a new name for the Biology of Blood and Marrow Transplantation (BBMT) Journal.

It was important to ensure that the journal was in alignment with the society's vision and mission, and reflected a greater emphasis on cellular therapy. Beginning in 2020 you will see a new cover with the name; BBMT: Transplantation and Cellular Therapy. In 2021, the BBMT will be removed and the journal will simply be, Transplantation and Cellular Therapy.



ENGAGEMENT

ASTCT provides focused education to improve research, patient outcomes, and foster professional development via diverse outlets and opportunities. We are dedicated to position our members for future success using both in-person education at our various events and virtually through our webinars and courses. All our members—from those just entering the field to seasoned veterans—will find expert educational materials on today's most pressing issues. Below is what we accomplished in 2019, and we're looking forward to 2020:

NEW SIGs and Committees

- Committee on Diversity and Inclusion
- · Committee on International Affairs new Committee and was able to set an infrastructure for future programming by establishing Memorandums of Understanding with International BMT organizations.
- SIG on Aging
- Women and Under-represented Minorities SIG
- Biobehavioral Research SIG
- NEW 2019 Leadership Course Twelve future leaders were chosen after an extensive application period to be the inaugural class of the 2019 ASTCT Leadership Course. The course started with 1.5 day in-person meeting in early May, held at the ASTCT Headquarters in Chicago. Leadership Course participants participated in an interactive education program centered around training and development for leadership in the field. Participants engaged in online learning throughout the year discussing crucial conversations and the CIBMTR/BMT-CTN. This inaugural class will graduate at the 2020 TCT Meeting.

2019 Award Recipients

- 2019 Lifetime Achievement Award Keith Sullivan, MD
- 2019 E. Donnall Thomas Award Effie Petersdorf, MD
- 2019 Public Service Award The Cowden Foundation: Marti Cowden, Gerald Cowden, and Meredith Cowden

2019 EDUCATIONAL EVENTS

2019 TCT Meetings of ASTCT & CIBMTR in Houston, Texas

The TCT | Transplantation & Cellular Therapy Meetings of ASTCT and CIBMTR (TCT Meetings) are the combined annual meetings of the American Society for Transplantation and Cellular Therapy (ASTCT) and the Center for International Blood & Marrow Transplant Research (CIBMTR). Administrators, Clinicians, Data Manager/Clinical Research Professionals, Fellows-in-Training, Investigators, Laboratory Technicians, MD/ PhDs, Nurses, Nurse Practitioners, Pharmacists, Physician Assistants, and other allied

health professional attendees benefit from a full scientific program that addresses the most timely issues in hematopoietic cell transplantation and cellular therapy. The 24th TCT Meetings took place in Houston, Texas this year and saw it's highest attendance to date.

- 4,055 Registrants
- 11% International
- 739 Abstracts



2019 Clinical Research Training Course in Park City, Utah

The thirteenth iteration of the Clinical Research Training Course took place in Park City, Utah. This course was created by ASTCT to bridge a gap in education on the principles of research and how to take findings from the laboratory to the clinic. Participants arrive to the course with a research protocol that is developed and refined throughout the week by discussions with faculty and peers through formal presentations, extensive follow-up dialogue, and small-group discussions.

- 12 Attendees
- 12 Faculty
- 32 total applicants

2019 EDUCATION EVENTS

2019 Clinical Education Course in St. Louis, Missouri

The 6th Annual ASTCT Fall Clinical Education Conference for NPs, PAs and Fellows took place in St. Louis. 250 attendees came to listen to sessions highlighting the Best of TCT, Building a Survivorship Clinic, Virtual Reality during sedation, CAR-T, APP Workflow, and more. This 2.5 day program educations nurse practitioners, physician assistants, and junior faculty will clinical education for those in the BMT and cell therapy field.



242 Attendees

2019 ISCT/ASTCT Cellular Therapy Training Course in Philadelphia, Pennsylvania

The third biennial ISCT-ASTCT Cell Therapy Training Course included 13 future leaders from around the world to participate in a week-long mentorship program. Course scholars were given the opportunity to learn from some of the giants in the cell therapy field discussing ethical considerations, IND development, cell manufacturing and more! The course included didactic lectures, one on one time with faculty, tour of the University of Pennsylvania's cell processing facility and career advice.

13 Attendees

2019 Beyond Fundamentals of HCT in Houston, Texas

Beyond Fundamentals of HCT took place in conjunction with the 2019 TCT Meetings where nearly 100 attendees participated in this extensive program. This course provides pharmacists, pharmacy student and residents, physicians (including residents and hematology/oncology fellows), advanced practice providers and nurses with the skill set required to care for patients undergoing HCT. Attendees were provided access the Beyond Fundamentals of HCT eBook, which is comprised of 31 chapters detailing pharmacotherapy in the hematopoietic cell transplantation (HCT) setting.

89 attendees

To learn more about 2020 Education Events, visit our website.

ADVOCACY: INCREASING PATIENT ACCESS

ASTCT has been actively engaging in advocacy efforts through its newly formed Government Relations Committee. This year alone, the committee has met with over 50 Congressional offices during their Hill Day in May; hosted four Congressional briefings to educate Members of Congress and their staff about the importance of blood and marrow transplantation and cellular therapy; and the committee continues to engage with the Administration by responding to request for comment on certain rules and regulations that have been released this year.

Advocacy efforts allow the organization and its membership to directly engage in the legislative and regulatory processes by meeting with lawmakers and advocating on behalf of patients.

ASTCT HILL ASKS:

- The Patient Access to Cellular Therapy (PACT Act): This legislation ensures that hospitals receive adequate Medicare payment for the acquisition of hematopoietic stem cells similar to that of solid organ procurement. ASTCT secured co-sponsorship in both the House and Senate.
- ASTCT requested that Members of Congress engage CMS on the Inpatient Prospective Payment System (IPPS) proposed rule and request an increase in New Technology Add-On Payment (NTAP) for chimeric antigen receptor T-cell (CAR-T) therapies.
- ASTCT assisted CMS in its final national coverage determination (NCD) by making recommendations for the agency that were directly adopted.
- The Patient Access to Cellular Therapy (PACT Act): This legislation ensures that hospitals receive adequate Medicare payment for the acquisition of hematopoietic stem cells similar to that of solid organ procurement. ASTCT's advocacy efforts helped get this bill signed into law on December 20, 2019.

TO REVIEW RESPONSES:

- NCD Comment Letter
- Final NCD Response Letter
- CRS Diagnosis codes **Letter** to NCH
- FY2021 CAR-T Inpatient Payment Options Letter
- IPPS Comment Letter

THANK YOU TO **OUR SUPPORTERS**

CORPORATE COUNCIL

PLATINUM









SILVER

Amgen, Inc. Avalon GloboCare Corporation Bristol-Myers Squibb Company Celgene Corporation Incyte Janssen Research & Development, LLC Jazz Pharmaceuticals Lentigen Pharmacyclics PhRMA Sanofi Genzyme Takeda Oncology

EMERGING COMPANIES

Actinium Pharmaceuticals Atara Biotherapeutics bluebird bio Fate Therapeutics

Gamida Cell Kiadis Legend Biotech USA Inc. Omeros

THANK YOU TO **OUR SUPPORTERS**

INDIVIDUAL DONORS

The ASTCT Giving Campaign is dedicated to promoting research, education and training in the field of transplantation and cellular therapy. Every gift plays a critical role in improving patient outcomes and fostering the professional development of our members.

Thank you to our following members who have made gifts to our programs:

PRESIDENT LEVEL (\$1000 - \$4,999)

Stella Davies Navneet Majhail John DiPersio Miguel-Angel Perales Mary Flowers Pavan Reddy Jennifer Holter Chakrabarty Bipin Savani Katharine Hsu Keith Sullivan

INNOVATOR LEVEL (\$500 - \$999)

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For more information about our giving campaign, please visit our website.

Areej El-Jawahri

FINANCIAL REPORT

Income Statement	2018	2019
	Audited	Unaudited
Revenue		
Membership & Administration	260,132	246,794
Grants and Support	956,675	989,186
Education/Conferences	70,480	622,995
Journal	707,746	580,423
TCT Meeting	2,277,307	2,645,926
Total Revenue	4,272,341	5,085,324

Membership & Administration	851,182	780,359
Grants and Support	382,723	444,700
Policy/Legislative	497,918	429,175
Education/Conferences	503,209	562,579
Journal & Publications	306,302	295,630
TCT Meeting	1,273,482	1,674,072
Total Expenses	3,814,815	4,186,516

Net Non-Operating	(232,306)	862,942
Net Non-Operating	(232,300)	002,342

Balance Sheet	2018	2019
	Audited	Unaudited
Cash	2,237,383	1,339,892
Investments	3,841,341	6,454,283
Accounts Receivable	250,499	23,180
Prepaid Expenses	187,076	299,007
Total Assets	6,516,299	8,116,362
Accounts Payable	224,293	46,780
Deferred Revenue	1,279,422	1,295,248
Total Liabilities	1,503,715	1,342,028
Unrestricted	4,719,174	6,480,924
Temporary Restricted	293,410	293,410
Net Assets	5,012,584	6,774,334
Total Liabilities & Net Assets	6,516,299	8,116,362

