

Dear Colleague,

This month, I'd like to call your attention to the robust participation of our cardiac and vascular services at TCT 2018.

This issue is a bit longer than usual. After careful review, we realized that previous Faculty Research Letters missed much of the very productive work being done by members of the kidney transplant program. To remedy that, we have reviewed their accomplishments for year to date. We have also included many thoracic surgery presentations that did not make it into previous newsletters.

This report is a valuable resource for the department, so please continue to email Paul Kurlansky (<mailto:pk2245@columbia.edu?subject=Research%20e-newsletter>) or me (<mailto:crs2@cumc.columbia.edu?subject=Research%20E-Newsletter>) with regular updates on your grants, publications, and presentations by the first of every month.

A reminder: journal links may require subscriptions or a log-in through the Columbia library while PubMed links are accessible to all. Where there is only a journal link, the paper has not yet been downloaded to PubMed.

For easy reference, we now post all issues of this [newsletter](#) on the Center for Innovations and Outcomes Research website.

Craig R. Smith, MD, FACS
Chairman, Department of Surgery

CONGRATULATIONS

Alex Thomsen, PhD, Assistant Professor in Nigel Bunnett's lab, received funding from the LEO Foundation for his research project, Endosomal Chemokine Receptor Signaling as Basis for Metastasis in Malignant Melanoma. Total amount: \$3,600,308 DKK. Approximately \$600,000 over three years.

Christine Rohde, MD, MPH, received a two-year award from NIH-NIAD for UG3-DA047720, Evaluation of Safety and Pharmacokinetics of Naltrexone Implant. Total amount: \$3,010,138. Subcontract amount is \$552,180 for two years.

Danielle Bajakian, MD, received 2017-2018 Translational Therapeutics (TRx) Pilot Award Program for Injectable Cell Based therapy of micro-tissues for extremely rapid recovery of ischemic conditions. Her funding of \$40,000 began September 10, 2018.

We also acknowledge those who received Department of Surgery Startup Awards for residents and junior faculty:

Antonio Polanco, A Prospective Study on the Impact of Frailty on Morbidity, Mortality and Survival in Patients Undergoing Aortic Surgery

Alex D'Angelo, Efficacy of del Nido cardioplegia in cardiac surgical operations requiring prolonged aortic cross clamping greater than 3 hours

Alex Kossar, The Obesity Paradox in Aortic Valve Disease: Cross-Communication between Adipose Tissue and the Heart

Serge Kobsa, Assessment of Shear Stress Effects on Aortic Valve as a Cause of Aortic Regurgitation in Patients Supported with Continuous Flow Left Ventricular Assist Devices

Vincent Duron, Effect of Restricted Fluid Management Strategy on Outcomes in Critically Ill Pediatric Surgery and Trauma Patients: A Multicenter Randomized Controlled Trial

In addition, Serge Kobsa, MD, PhD was named the John Jones Fellow (\$3,000 supplement) and will be working with Yoshifumi Naka, MD, PhD. Dr. Kosba also received the Michael Treat Award of \$2,500.

The Kenneth Forde Award was presented to Vincent Duron, MD for his work with Katherine Biagas, MD and Steven Stylianos, MD.

BASIC SCIENCE

Publications

Thomsen ARB, Jensen DD, Hicks GA, Bunnett NW. Therapeutic Targeting of Endosomal G-Protein-Coupled Receptors. Trends Pharmacol Sci. 2018 Oct;39(10):879-891.

[Journal link](#)

[PubMed link](#)

CARDIAC SURGERY

Presentations

*32nd Annual Congress of the European Association for Cardio-Thoracic Surgery (EACTS)
October 18-20, Milan, Italy*

Schwann T, Habib R, Kurlansky P, Shahian D, Gaudino M, Wallace A, Engoren M, Tranbaugh R. Operative Outcomes of Bilateral Internal Thoracic Artery versus Left Internal Thoracic Artery/Radial Artery Multi-Arterial Coronary Artery Bypass Grafting: Report from the STS Database

Kalfa D. Session moderator: Tetralogy of Fallot and pulmonary atresia/ventricular septal defect

*46th Annual Meeting, Congenital Heart Surgeons' Society
October 21-22, 2018, Chicago*

Nakamura Y, Levasseur S, Shah A, Freud L, Cheliah A, Chai P, Quaegebeur J, Bacha E, Kalfa D. Results after repair of D-transposition of the great arteries with VSD and left ventricular outflow obstruction.

Olds A, Kazzi B, Liava'a M, Crystal M, Torres A, LaPar D, Chai P, Bacha E, Kalfa D. Comparative Outcomes of Pediatric Melody Valve and Mechanical Valve Replacement in the Mitral Position.

Stephens EH, Shakoor A, Jacobs SE, Okochi S, Zenilman A, Middlesworth W, LaPar DJ, Chai P, Kalfa D, Bacha E, Cheung EW. Characterization of ECMO support for single-ventricle patients.

*TCT (Transcatheter Therapeutics) 2018
September 18-25, 2018, San Diego*

Bapat V:

- Tricuspid Repair/Replacement Devices, Moderator
- CT Imaging and Screening the Transcatheter Mitral Valve Replacement Patient
- How to Approach Aortic and Mitral Valve-in-Valve Interactive Training-
- TAVR Valve in Valve, Valve in Ring, Valve in MAC and Valve in Bicuspid AS, Moderator
- Bioprosthetic Aortic Valve Failure: Valve-in-Valve Treatment, Valve Leaflet Thrombosis, and Valve Durability, Discussant
- Trans-Catheter Mitral Valve Intervention, Moderator
- Trans-Catheter Mitral Valve Intervention: Technical and Clinical Lessons Learned

from Early Human Clinical Studies, Featured Lecture

George I:

- A Curious Case of Surgical TR Repair Case Presentation Outcome and Lessons Learned
- Trans-septal Crossing for Mitral Using TEE and 3D Volume ICE Interactive Training
- Trans-septal Crossing for LAA Using TEE and 3D Volume ICE Interactive Training
- TAVR Innovation and Ancillary Technologies, Discussant

Takayama H:

- Endografting in Type A Dissection With Case Examples
- Operative Management of Acute Type A Aortic Dissection
- VA ECMO Is Best Implemented by the Cardiac Surgeon, Flash Debate

Publications

Al Haddad E, LaPar DJ, Dayton J, Stephens EH, Bacha E. Complete atrioventricular canal repair with a decellularized porcine small intestinal submucosa patch. *Congenit Heart Dis*. 2018 Sep 21. doi: 10.1111/chd.12666.

[Journal link](#)

[PubMed](#)

Bacha E. A one-way street no more? *J Thorac Cardiovasc Surg*. 2018 Sep 15. pii: S0022-5223(18)32336-5. doi: 10.1016/j.jtcvs.2018.08.068.

[Journal link](#)

[PubMed](#)

Chai PJ. Shedding more light on the use of mechanical aortic valve replacement in patients with congenital heart disease. *J Thorac Cardiovasc Surg*. 2018 Sep 1. pii: S0022-5223(18)32293-1. doi: 10.1016/j.jtcvs.2018.08.047.

[Journal link](#)

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Chai PJ. Feasibility of Biventricular Intracorporeal Ventricular Assist in a Pediatric Patient. *Semin Thorac Cardiovasc Surg*. 2018 Sep 7. pii: S1043-0679(18)30186-2.

[Journal link](#)

[PubMed link](#)

Cheng YT, Leb JS, Bloom M, Melehy AN, Polanco A, George I, Takayama H. Use side branch of the aortic graft to facilitate coronary reconstruction during complex aortic surgery. *Semin Thorac Cardiovasc Surg*. 2018 Oct 4. pii: S1043-0679(18)30296-X. doi: 10.1053/j.semtcvs.2018.09.028.

[Journal link](#)

[PubMed link](#)

Cocchieri R, Petzina R, Romano M, Jagielak D, Bonaros N, Aiello M, Lapeze J, Laine M, Chocron S, Muir D, Eichinger W, Thielmann M, Labrousse L, Rein KA, Verhoye JP, Gerosa G, Bapat V, Baumbach H, Sims H, Deutsch C, Bramlage P, Kurucova J, Thoenes M, Frank D. Outcomes after transaortic transcatheter aortic valve implantation: long-term findings from the European ROUTE. *Eur J Cardiothorac Surg*. 2018 Oct 20. doi: 10.1093/ejcts/ezy333.

[Journal link](#)

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De Vecchi A, Marlevi D, Nordsletten DA, Ntalas I, Leipsic J, Bapat V, Rajani R, Niederer SA. Left ventricular outflow obstruction predicts increase in systolic pressure gradients and blood residence time after transcatheter mitral valve replacement. *Sci Rep*. 2018 Oct 19;8(1):15540.

[Journal link](#)

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Fried J, Garan AR, Shames S, Masoumi A, Yuzefpolskaya M, Takeda K, Takayama H, Uriel N, Naka Y, Colombo PC, Topkara VK. Aortic root thrombosis in patients supported with continuous-flow left ventricular assist devices. *J Heart Lung Transplant*. 2018 Jul 25. pii: S1053-2498(18)31559-6. doi: 10.1016/j.healun.2018.07.012.

[Journal link](#)

[PubMed link](#)

Garan AR, Malick WA, Habal M, Topkara VK, Fried J, Masoumi A, Hasan AK, Karpaliotis D, Kirtane A, Yuzefpolskaya M, Farr M, Naka Y, Burkhoff D, Colombo PC, Kurlansky P, Takayama H, Takeda K. Predictors of Survival for Patients with Acute Decompensated Heart Failure Requiring Extra-Corporeal Membrane Oxygenation Therapy. *ASAIO J*. 2018 Oct 9. doi: 10.1097/MAT.0000000000000898.

[Journal link](#)

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Kossar AP, Takayama H, Patel V, George I. Novel Implementation of a Cerebral Protection System During Ascending Thoracic Endovascular Aortic Repair (TEVAR). *Semin Thorac Cardiovasc Surg*. 2018 Sep 29. pii: S1043-0679(18)30289-2. doi: 10.1053/j.semtcvs.2018.09.026

[Journal link](#)

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Liava'a M, Kalfa D. Surgical closure of atrial septal defects. *J Thorac Dis*. 2018 Sep;10 (Suppl 24):S2931-S2939.

[Journal link](#)

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Mehra MR, Salerno C, Naka Y, Uriel N, Cleveland JC, Horstmanshof D, Goldstein DJ; MOMENTUM 3 Investigators. A tale of the twist in the outflow graft: An analysis from the MOMENTUM 3 trial. *J Heart Lung Transplant*. 2018 Aug 24. pii: S1053-2498(18)31615-2.

[Journal link](#)

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Olds A, Nakamura Y, Levasseur S, Shah A, Freud L, Chelliah A, Chai P, Quaegebeur J, Bacha E, Kalfa D. Outcomes of Surgical Repair of Complex D-Transposition of the Great Arteries. *World J Pediatr Congenit Heart Surg*. 2018 Nov;9(6):605-612.

[Journal link](#)

[PubMed link](#)

Praz F, Khalique OK, Dos Reis Macedo LG, Pulerwitz TC, Jantz J, Wu IY, Kantor A, Patel A, Vahl T, Bapat V, George I, Nazif T, Kodali SK, Leon MB, Hahn RT. Comparison between Three-Dimensional Echocardiography and Computed Tomography for Comprehensive Tricuspid Annulus and Valve Assessment in Severe Tricuspid Regurgitation: Implications for Tricuspid Regurgitation Grading and Transcatheter Therapies. *J Am Soc Echocardiogr*. 2018 Sep 27. pii: S0894-7317(18)30380-8. doi: 10.1016/j.echo.2018.07.007

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Rubin G, Sanchez J, Bayne J, Avula UMR, Takayama H, Takeda K, Naka Y, Garan H, Farr MA, Wan EY. Conduction Abnormalities Associated with Tricuspid Annuloplasty in Cardiac Transplantation. *ASAIO J*. 2018 Sep 17. doi: 10.1097/MAT.0000000000000873.

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Russell HM, Guerrero ME, Salinger MH, Manzuk MA, Pursnani AK, Wang D, Neme H, Sakhuja R, Melnitchouk S, Pershad A, Fang HK, Said SM, Kauten J, Tang GH, Aldea G, Feldman TE, Bapat VN, George IM. Open Atrial Transcatheter Mitral Valve Replacement in Patients With Mitral Annular Calcification. *J Am Coll Cardiol*. 2018 Sep 25;72(13):1437-1448.

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Salavitabar A, Flyer JN, Torres AJ, Richmond ME, Crystal MA, Turner ME, Chai P, Zuckerman WA. Transcatheter stenting of superior vena cava obstruction after pediatric heart transplantation: A single-center experience assessing risk factors and outcomes. *Pediatr Transplant*. 2018 Nov;22(7):e13267.

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Smith CR. Creative use of a sutureless valve. *J Thorac Cardiovasc Surg*. 2018 Aug 3. pii: S0022-5223(18)32077-4.

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Smith CR. Radial artery advocacy. *J Thorac Cardiovasc Surg*. 2018 Jul 19. pii: S0022-5223(18)31823-3.

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Truby LK, Takeda K, Topkara VK, Takayama H, Garan AR, Yuzefpolskaya M, Colombo P, Naka Y, Farr M. Risk of severe primary graft dysfunction in patients bridged to heart transplantation with continuous-flow left ventricular assist devices. *J Heart Lung Transplant*. 2018 Jul 26. pii: S1053-2498(18)31565-1.

[Journal link](#)

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Wei LM, Thibault DP, Rankin JS, Alkhouli M, Roberts HG, Vemulapalli S, Yerokun B, Ad N, Schaff HV, Smedira NG, Takayama H, McCarthy PM, Thourani VH, Ailawadi G, Jacobs JP, Badhwar V. Contemporary Surgical Management of Hypertrophic Cardiomyopathy in the United States. *Ann Thorac Surg*. 2018 Oct 13. pii: S0003-4975(18)31478-4.

[Journal link](#)

[PubMed link](#)

COLON AND RECTAL SURGERY

Publications

Chand M, Keller DS, Mirnezami R, Bullock M, Bhangu A, Moran B, Tekkis PP, Brown G, Mirnezami A, Berho M. Novel biomarkers for patient stratification in colorectal cancer: A review of definitions, emerging concepts, and data. *World J Gastrointest Oncol*. 2018 Jul 15;10(7):145-158.

[Journal link](#)
[PubMed link](#)

Gash KJ, Suradkar K, Kiran RP. Rectal trauma injuries: outcomes from the U.S. National Trauma Data Bank. *Tech Coloproctol*. 2018 Sep 27. doi: 10.1007/s10151-018-1856-4.

[Journal link](#)
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Keller DS, Ho JW, Mercadel AJ, Ogola GO, Steele SR. Are we taking a risk with risk assessment tools? Evaluating the relationship between NSQIP and the ACS risk calculator in colorectal surgery. *Am J Surg*. 2018 Oct;216(4):645-651.

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Keller DS, Zaghiyan K, Mizell JS. Use of robotic technology: a survey of practice patterns of the ASCRS Young Surgeons Committee. *Tech Coloproctol*. 2018 Oct 15. doi: 10.1007/s10151-018-1862-6.

[Journal link](#)
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Keller DS, Zhang J, Chand M. Opioid-free colorectal surgery: a method to improve patient & financial outcomes in surgery. *Surg Endosc*. 2018 Oct 17. doi: 10.1007/s00464-018-6477-5.

[Journal link](#)
[PubMed link](#)

Kim M, Wall MM, Kiran RP, Li G. Latent class analysis stratifies mortality risk in patients developing acute kidney injury after high-risk intraabdominal general surgery: a historical cohort study. *Can J Anaesth*. 2018 Sep 12. doi: 10.1007/s12630-018-1221-0.

[Journal link](#)
[PubMed link](#)

GI/ENDOCRINE SURGERY

Presentations

International Hepatopancreaticobiliary Association Meeting
September, 2018, Geneva, Switzerland

Kluger MD. Local Ablation for Unresectable Pancreatic Cancer with RFA or Irreversible Electroporation (IRE).

Caribbean Society of Endoscopic Surgeons (CaSES)
September, 2018, Trinidad & Tobago, West Indies

Kluger MD & Schrope BA. Minimally Invasive Pancreatic Resections: Is this the Future?

Kluger MD & Eyob B. The importance of Surgical Quality Data No Matter the Resource Environment.

IMMUNOLOGY/TRANSPLANTATION SURGERY

Presentations

American Society of Transplant Surgeons Winter Symposium
January 11-14, 2018, Miami Beach, FL

Ratner, L: 3 Invited Lectures

-Strategies for Increasing the Number of Transplants: Life-Saving Innovations in Transplantation

-Kidney Transplantation: How to Get Out of Trouble

-Laparoscopic Live Donor Nephrectomy: From Someone Who's Been Around the Block

Controversies in Transplantation University of Colorado
Breckenridge, CO, March 2-4, 2018

Ratner, L: Playing the Wild Card: How Policy Development Can Pertain to Metrics, Allocation, Organ Utilization, Access to Transplantation, and Innovation

American Society of Transplant Surgeons Laparoscopic Live Donor Nephrectomy Course,
University of Cincinnati
March 16-17, 2018, Cincinnati, OH

Ratner, L:

- Laparoscopic Live Donor Nephrectomy: Intra-operative Complications, Difficult and Unusual Cases

-Live Donor Deaths, Near Misses and a Systems Approach Towards Improving Safety

Department of Surgery Grand Rounds, State University of New York at Buffalo
Buffalo, NY

Ratner, L: How To Innovate & Bring New Ideas to Clinical Reality

*Transplant Grand Rounds, Erie County Medical Center
Buffalo, NY*

Ratner, L: Access to Transplantation: Who Shall Live and Who Shall Die?

*15th Hallym-Columbia-Weill Cornell-NYP Symposium Current Status and Future Advances
in Organ Transplantation*

June 8, 2018, Hallym University, Seoul, South Korea

Ratner, L: Access to Transplantation: Who Shall Live and Who Shall Die?

*9th International Conference: Living Donor Abdominal Organ Transplantation State of the
Art*

September 1, 2018, Matera, Italy

Ratner, L: 20+ Years of Laparoscopic Live Donor Nephrectomy: Where Have We
Been? Where Do We Go?

Education of Young Professionals in Transplantation Workshop

August 3 - September 1, 2018, Matera, Italy

Ratner, L:

-What I Have Learned From Near-misses, Major Mishaps & Never Events

-Laparoscopy in Living Kidney Donation

American Society of Transplant Surgeons 12th Annual Fellows Symposium

October 5-7, 2018, Phoenix, AZ

Ratner, L: Regulation

Publications

Batal I, Mohan S, De Serres SA, Vasilescu ER, Tsapepas D, Crew RJ, Patel SS, Serban G, McCune K, Husain SA, Chang JH, Herter JM, Bhagat G, Markowitz G, D'Agati V, Hardy MA, Ratner L, Chandraker A: Analysis of dendritic cells and ischemia-reperfusion changes in post-implantation renal allograft biopsies may serve as predictors of subsequent rejection episodes. *Kid Int* 2018, May;93(5):1227-1239.

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Husain SA, Chiles MC, Lee S, Pastan SO, Patzer RE, Tanriover B, Ratner LE, Mohan S: Characteristics and performance of unilateral kidney transplants from deceased donors. *Clin J Am Soc Nephrol* 2018, Jan;13(1):118-127.

[Journal link](#)

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Leal R, Tsapepas D, Crew RJ, Dube GK, Ratner L, Batal I: Pathology of calcineurin and

mammalian target of rapamycin inhibitors in kidney transplantation. *Kid Int Rep* 2018, Mar;3(2):281-290.

[Journal link](#)

[PubMed link](#)

Lefaucheur C, Viglietti D, Hidalgo LG, Ratner LE, Bagnasco SM, Batal I, Aubert O, Orandi BJ, Oppenheimer F, Bestard O, Rigotti P, Reisaeter AV, Kamar N, Lebranchu Y, Van Huyen JPD, Bruneval P, Glotz D, Legendre C, Empana JP, Jouven X, Segev DL, Montgomery RA, Zeevi A, Halloran PF, Loupy A: Complement-activating anti-HLA antibodies in kidney transplantation: allograft gene expression profiling and response to treatment. *JASN* 2018, Feb;29(2):620-635.

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Orandi BJ, Luo X, King EA, Garonzik-Wang JM, Bae S, Montgomery RA, Stegall MD, Jordan SC, Oberholzer J, Dunn TB, Ratner LE, Kapur S, Pelletier RP, Roberts JP, Melcher ML, Singh P, Sudan DL, Posner MP, El-Amm JM, Shapiro R, Cooper M, Lipkowitz GS, Rees MA, Marsh CL, Sankari BR, Gerber DA, Nelson PW, Wellen J, Bozorgzadeh A, Gaber AO, Segev DL: Hospital readmissions following HLA-incompatible live donor kidney transplantation: A multi-center study. *Am J Transplant* 2018, Mar;18(3):650-658.

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Mohan S, Chiles MC, Patzer RE, Pastan SO, Husain SA, Carpenter DJ, Dube GK, Crew RJ, Ratner LE, Cohen DJ: Factors leading to the discard of deceased donor kidneys in the United States. *Kid Int* 2018, Jul;94(1):1870198.

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Samstein B, de Melo-Martin I, Kapur S, Ratner L, Emond J: A liver for a kidney: Ethics of trans-organ paired exchange. *Am J Trans* 2018, May;18(5): 1077-1082.

[Journal link](#)

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Schold JD, Andreoni KA, Chandraker AK, Gaston RS, Locke JE, Mathur AK, Pruett T, Rana A, Ratner LE, Buccini LD: Expanding clarity or confusion? Volatility of the five-tier ratings assessing quality of transplant centers in the United States. *Am J Trans* 2018, Jun;18(6):1494-1501.

[Journal link](#)

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PLASTIC SURGERY

Presentations

Northeastern Society of Plastic Surgeons

October 26, 2018, Boston, MA

Lin AJ, Fu R, Toyoda Y, Bahrolloomi D, Kurlansky P, Levine J, Sidoti E, Srinivasan A, Priovolos S, Rohde CH. The Impact of the 2010 NY State Breast Cancer Provider Discussion Law on Rates of Discussion and Reconstruction at Public NYC Hospitals.

Publications

Najjar M, Lopez MM Jr, Ballestin A, Munabi N, Naides AI, Noland RD, Blackburn C, Akelina Y, Ascherman JA. Reestablishment of Lymphatic Drainage after Vascularized Lymph Node Transfer in a Rat Model. *Plast Reconstr Surg*. 2018 Oct;142(4):503e-508e.

[Journal link](#)

[PubMed link](#)

THORACIC SURGERY

Presentations

International Society of Heart and Lung Transplantation

April 2018, Nice, France

A. Urso, D. F. Briganti, J. Costa, R. Nandakumar, H. Robbins, L. Shah, J. R. Sonett, S. Cremers, S. Arcasoy, F. D'Ovidio. Poster presentation. Bile Acid Aspiration Is Associated With Airway Infections: A Targeted Metabolomic Approach.

A. Urso, F. D'Ovidio, C. W. Emala, N. W. Bunnett, J. F. Perez-Zoghbi. Poster presentation: Bile Acids Aspiration modulates cholinergic and serotenergic responses of the distal airways.

International Society of Aerosols in Medicine

May 2018, San Diego, CA

A. Urso, V. Collico, M. Colombo, F. Meloni, C.B. Damoci, K. Sugahara, F. D'Ovidio. Oral presentation: Aerosolized Gold Nanoparticles as a Vehicle for Prolonged Donor Lung Treatment.

American Thoracic Society

May 2018, San Diego, CA

A. Urso, V. Collico, M. Colombo, F. Meloni, C.B. Damoci, K. Sugahara, F. D'Ovidio. Poster presentation: Aerosolized Gold Nanoparticles as a Vehicle for Prolonged Donor Lung Treatment.

A. Urso, F. D'Ovidio, C. W. Emala, N. W. Bunnett, J. F. Perez-Zoghbi. Poster presentation: Bile Acids Alter The Contractile Responses Of Distal Airways To Bronchoconstrictors.

*European Society of Thoracic Surgery
May, 2018, Ljubljana, Slovenia*

J. Costa, D. Piloni, L. Benvenuto, A. Urso, L. Shah, H. Robbins, J. Sonett, S. Arcasoy, F. D'Ovidio. Poster presentation: Single Vs Double Lung Transplantation for Emphysema in The Lung Allocation Score Era: A Single Center Experience.

*European Respiratory Society
September 2018, Paris, France*

A. Urso, V. Collico, M. Colombo, F. Meloni, C.B. Damoci, K. Sugahara, F. D'Ovidio. Late-breaking Abstract Oral presentation: Aerosolized Gold Nanoparticles as a Vehicle for Prolonged Donor Lung Treatment.

D. Piloni, J. Costa, A. Urso, A. N. Gomez, L. Shah, H. Y. Robbins, L. Benvenuto, J. R. Sonett, S. Arcasoy, F. D'Ovidio. Thematic poster presentation: Donor lung pathological abnormalities and recipient outcomes

*13th Congress on Lung Transplantation
September 2018, Paris, France*

A. Urso, F. D'Ovidio, C. W. Emala, N. W. Bunnett, J. F. Perez-Zoghbi. Oral presentation: Bile Acids Alter The Contractile Responses Of Distal Airways To Bronchoconstrictors.

A. Urso, D. F. Briganti, J. Costa, R. Nandakumar, H. Robbins, L. Shah, J. R. Sonett, S. Cremers, S. Arcasoy, F. D'Ovidio. Oral presentation: Bile Acid Aspiration Is Associated With Airway Infections: A Targeted Metabolomic Approach.

J. Costa, D. Piloni, L. Benvenuto, A. Urso, L. Shah, H. Robbins, J. Sonett, S. Arcasoy, F. D'Ovidio. Oral Presentation: Right Single Lung Transplantation for Emphysema Has Better Survival than Left Single Transplant: A Single Center Experience.

Book Chapter

B Aramini, F D'Ovidio, *Radiologic Evaluation of the Esophagus*. 8th Edition Shields' General Thoracic Surgery, Editors: Joseph Lo Cicero, Richard Feins, Gaetano Rocco, Yolanda Colson, Bryan Myers, Lippincott Williams & Wilkins 2018.

VASCULAR SURGERY

Presentations

*Eastern Vascular Surgery, 2018 Annual Meeting
September 6, 2018, Washington, DC*

O'Donnell TFX, Boitano L, Deery SE, Schermerhorn ML, Schanzer A, Green R, Takayama H, Patel VI. Open versus Fenestrated Endovascular Repair of Complex Abdominal Aortic Aneurysms.

O'Donnell TFX, Boitano L, Deery SE, Clouse WC, Siracuse JJ, Green R, Schermerhorn ML, Patel VI. Factors Associated with Postoperative Renal Dysfunction, and the Subsequent Impact on Survival After Open Juxtarenal AAA Repair.

Patel V. Surgical and Endovascular Treatment of Takayasu's Arteritis.

*TCT (Transcatheter Therapeutics) 2018
September 18-25, 2018, San Diego, CA*

Bajakian D:

- Endografting in Women: Are There Gender Differences in Technique or Outcomes? (With Case Examples)
- Fenestrated Stent Grafts in the Treatment of Complex Abdominal Aortic Aneurysms
- My Best Case Lower Extremity PAD Intervention Case Presenter

Patel V:

- Special Situations and Case Presentations, Moderator
- Imaging in Type B Dissection Endografting: IVUS Assisted Technique
- Endografting: IVUS Assisted Techniques With Case Examples
- Decision making and Treatment Selection for Patients With Complex Abdominal Aortic Aneurysms
- Decision Making in SFA and Popliteal Therapy – Common Femoral Artery Disease Should be Treated with Open Surgery
- Controversies and Complex Decision Making in Aortic/Mesenteric Therapies – Complex Endografting - Fenestrated EVAR
- Open vs. Endovascular AAA Repair: Important Factors in Clinical Decision-Making
- Expert Case Reviews: Carotid and Vertebral Interventions, Moderator
- My Best Case Aortic Intervention, Case Presenter
- Worst Endoleak Ever, Case Presenter



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