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Dear Colleagues,

Please see our March 2015 list of grants, publications, and presentations below. Congratulations to you all, and thank you for continuing to keep us updated about your excellent work.

Please continue to email Paul Kurlansky ([pk2245@columbia.edu](mailto:pk2245@columbia.edu)) or myself ([crs2@cumc.columbia.edu](mailto:crs2@cumc.columbia.edu)) with your confirmed publications, presentations, and grants as we will continue to send this newsletter monthly.

As a reminder, the PubMed links below should work for everyone. The journal-specific links will only work if you have a subscription to that journal or you are connected into the Columbia University library e-journal system.

Thank you,  
Craig Smith, MD

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## CONGRATULATIONS

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CONGRATULATIONS to Dr. Hiroo Takayama on receiving a two year \$50,000 grant from Thoratec for 'Pilot Study of the Role of Mechanical Circulatory Support in the Treatment of Patients with Post-Myocardial Infarction Cardiogenic Shock.'

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## CARDIAC SURGERY

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### Presentations

D Kalfa Aortic valve replacement for congenital aortic valve disease from neonates to adults. Invited lecture at the European Annual Meeting of the Pediatric Group of the French Cardiology Society, Paris, France, January 14-17th, 2015.

Stephens EH, Odell DD, Stein W, LaPar DJ, Denino WF, Aftab M, Berfield K, Eilers AL, Groth SS, Lazar JF, Robich MP, Sh AA, Smith D, Stock CT, Tchanchaleishvili V, Mery CM, Turek JW, Salaszar JD, Nguyen TC. A Decade of Change: Training and Career Paths of Cardiothoracic Surgery Residents 2003-2014, Society of Thoracic Surgeons, San Diego, Jan, 2015.

Tchanchaleishvili V, LaPar DJ, Odell DD, Stein W, Aftab M, Berfield K, Eilers AL, Groth SS, Lazar JF, Robich MP, Shah AA, Smith D, Stephens EH, Stock CT, Denino WF, Nguyen TC. Predictors of Career Choice Among Cardiothoracic Surgery Trainees Society of Thoracic Surgeons, San Diego.

Flagg A, Robich MP, LaPar DJ, Odell DD, Stein W, Aftab M, Berfeld K, Eilers AL, Groth SS, Lazar JF, Shah AA, Smith D, Stephens EH, Stock CT, Denino WF, Tchanchaleishvili V, Soltesz EG. Understanding Why Residents May Inaccurately Log Their Role in Operations: A Look at the 2013 In-Training Exam Survey, Society of Thoracic Surgeons, San Diego, Jan, 2015.

### **Publications**

Pontailier M, Illangakoon E, Williams GR, Marijon C, Bellamy V, Balvay D, Autret G, Vanneaux V, Larghero J, Planat V, Perier MC, Bruneval P, Menasché P, Kalfa D. Polymer-based Reconstruction of the Inferior Vena Cava in Rat: Stem Cells or RGD Peptide? Tissue Eng Part A. 2015 Jan 22. [Epub ahead of print].

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Tchanchaleishvili V, LaPar DJ, Stephens EH, Berfield KS, Odell DD, DeNino WF. Current Integrated Cardiothoracic Surgery Residents: A Thoracic Surgery Residents Association Survey. Ann Thorac Surg. 2015 Jan 24. pii: S0003-4975(14)02083-9. doi: 10.1016/j.athoracsur.2014.10.063. [Epub ahead of print].

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Stephens EH, Connell PS, Fahrenholtz MM, Timek TA, Daughters GT, Kuo JJ, Patton AM, Ingels NB, Jr., Miller DC, Grande-Allen KJ. Heterogeneity of Mitral Leaflet Matrix Composition and Turnover Correlates with Regional Leaflet Strain. Cardiovascular Eng and Tech, Epub ahead of print January 2015.

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Castillero E1, Akashi H2, Wang C1, Najjar M1, Ji R3, Kennel PJ3, Sweeney HL4, Schulze PC3, George I5. Cardiac myostatin upregulation occurs immediately after myocardial ischemia and is involved in skeletal muscle activation of atrophy. Biochem Biophys Res Commun. 2015 Jan 30;457(1):106-11.

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Khalique O, Hahn RT, Gada H, Nazif T, Vahl T, George I, Kalesan B, Williams MR, Leon MB, Kodali SK. Quantity and Location of Aortic Valve Complex Calcification Predicts Severity and Location of Paravalvular Regurgitation and Frequency of Post-Dilatation After Balloon-Expandable Transcatheter Aortic Valve Replacement. JACC Cardiovasc Interv 2014; 7(8):885-94.

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Pronschinske KB, Qiu S, Wu C, Kato TS, Khawaja T, Takayama H, Naka Y, Templeton D, George I, Farr MA, Mancini DM, Schulze PC. Neutrophil gelatinase-associated lipocalin and cystatin C for the prediction of clinical events in patients with advanced heart failure, after ventricular assist device placement, and following heart transplantation. J Heart Lung Transplant 2014;33(12):1215-22.

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Paradis JM, Fried J, Nazif T, Kirtane A, Harjai K, Khalique O, Grubb K, George I, Hahn R, Williams M, Leon MB, Kodali S. Aortic stenosis and coronary artery disease: What do we know? What don't we know? A comprehensive review of the literature with proposed treatment algorithms. Eur Heart J 2014;31:2069-82.

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## **GI/ENDOCRINE**

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### **Presentations**

Kluger MD, Leinwand JC, Chabot JA. Recurrent malignant peritoneal mesothelioma causing massive gastrointestinal bleeding: not all histologies are stable or equal. 10th International Symposium on Regional Cancer Therapies. Clearwater Beach, FL; February 2015.

Mahendraraj K, Chabot J, Kluger MD. Signet Ring Carcinoma of the Pancreas: A Case Series of 621 Patients. 10th Annual Academic Surgical Congress. Las Vegas, NV; February 2015.

## **Publications**

Afaneh C, Gerszberg D, Slattery E, Seres DS, Chabot JA, Kluger MD. Pancreatic Cancer Surgery and Nutrition Management: A Review of the Current Literature. *Hepatobiliary Surgery and Nutrition*. 2015;4(1):59-71.

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## **LIVER/TRANSPLANT**

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### **Publications**

Hsu CC, Goyal A, Iuga A, Krishnamoorthy S, Lee V, Verna EC, Wang S, Chen FN, Rodriguez R, Emond J, Berk P, Lefkowitz J, Dove L, Brown RS Jr, Siegel AB. Elevated CA19-9 Is Associated With Increased Mortality In A Prospective Cohort Of Hepatocellular Carcinoma Patients. *Clin Transl Gastroenterol*. 2015 Feb 5;6:e74. doi: 10.1038/ctg.2014.22.

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Guarrera JV, Henry SD, Samstein B, Reznik E, Musat C, Lukose TI, Ratner LE, Brown RS Jr, Kato T, Emond JC. Hypothermic machine preservation facilitates successful transplantation of "orphan" extended criteria donor livers. *Am J Transplant*. 2015 Jan;15(1):161-9.

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Emond JC, Fisher RA, Everson G, Samstein B, Pomposelli JJ, Zhao B, Forney S, Olthoff KM, Baker TB, Gillespie BW, Merion RM. Changes in liver and spleen volumes after living liver donation: A report from the adult-to-adult living donor liver transplantation cohort study (A2ALL). *Liver Transpl*. 2015 Feb;21(2):151-61.

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Siegel AB, Goyal A, Salomao M, Wang S, Lee V, Hsu C, Rodriguez R, Hershman DL, Brown RS Jr, Neugut AI, Emond J, Kato T, Samstein B, Faleck D, Karagozian R. Serum adiponectin is associated with worsened overall survival in a prospective cohort of hepatocellular carcinoma patients. *Oncology*. 2015;88(1):57-68. doi: 10.1159/000367971. Epub 2014 Oct 3. Related citations.

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## **PLASTIC SURGERY**

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### **Presentations**

Najjar M, Munabi NCO, Akelina Y, Ascherman JA. Rat Model for Vascularized Lymph Node Transfer. Annual Meeting of the American Society of Reconstructive Microsurgery. Bahamas, January 2015.

### **Publications**

Malliaris SD, Munabi NC, Akelina Y, Ascherman JA. Topical cilostazol inhibits neointimal hyperplasia in a rat interposition vein graft model. *Plast Reconstr Surg*. 2014 Dec;134(6):895e-901e.

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Taylor EM, Hardy KL, Alonso A, Pilla AA, Rohde CH. Pulsed electromagnetic fields dosing impacts postoperative pain in breast reduction patients. *J Surg Res*. 2015 Jan;193(1):504-10.

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Munabi NC, Tan QK, Garzon MC, Behr GG, Shawber CJ, Wu JK. Growth Hormone Induces Recurrence of Infantile Hemangiomas After Apparent Involution: Evidence of Growth Hormone Receptors in Infantile Hemangioma. *Pediatr Dermatol*. 2015 Feb 18. doi: 10.1111/pde.12530.

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Kangsamaksin T, Murtomaki A, Kofler NM, Cuervo H, Chaudhri RA, Tattersall IW, Rosenstiel PE, Shawber CJ, Kitajewski NOTCH Decoys That Selectively Block DLL/NOTCH or JAG/NOTCH Disrupt Angiogenesis by Unique Mechanisms to Inhibit Tumor Growth. *J.Cancer Discov*. 2015 Feb;5(2):182-97.

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## VASCULAR SURGERY

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### **Publications**

Ilonzo N, Egorova NN, McKinsey JF, Nowygrod R. Failure to rescue trends in elective abdominal aortic aneurysm repair between 1995 and 2011. J Vasc Surg. 2014 Dec;60(6):1473-80.

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