

CARDIOVASCULAR DISEASE

SELECTED PUBLICATIONS AND PRESENTATIONS

PEER REVIEWED PUBLICATIONS

1. Dias N, Howley A, Yamamoto R, Dallabrida SM. Training Subjects on Key Concepts from Patient-Reported Outcomes (PROs) Improves Understanding & Data Accuracy. *Patient Relat Outcome Meas*. 2019;10:315-319 (high volume views)
2. Ly JJ, Crescioni M, Eremenco S, Bodart S, Donoso M, Butler AJ, Dallabrida SM. Training on the Use of Technology to Collect Patient-Reported Outcome Data Electronically in Clinical Trials: Best Practice Recommendations from the ePRO Consortium. *Ther Innov Regul Sci*. 2019;53(4):431-440
3. Dumais KM, Dias N, Khurana L, Gary ST, Witherspoon B, Evans CJ, Dallabrida SM. Preferences for Use & Design of Electronic Patient-Reported Outcomes in Patients with Chronic Obstructive Pulmonary Disease. *Patient*. 2019;16;1-9
4. Miklas JW, Dallabrida SM, Reis LA, Ismail N, Rupnick M, Radisic M. QHREDGS enhances tube formation, cell metabolism and survival of endothelial cells in collagen-chitosan hydrogels. *PLoS One*. 2013;8(8):e72956
5. Brem Sunshine S, Dallabrida SM, Durand EM, Ismail NS, Bazinet L, Birsner A, Ryeom S, Sohn R, Ikeda S, Pu W, Liao R, Kulke M, Javaherian K, Zurakowski D, Folkman J, Rupnick MA. Endostatin lowers blood pressure via nitric oxide and prevents hypertension associated with VEGF inhibition. *Proc Natl Acad Sci USA*, 2012; 109(28):11306
6. Mayer EL, Dallabrida SM, Rupnick MA, Redline WM, Hannagan K, Ismail NS, Burstein HJ, Beckman JA. Contrary effects of the receptor tyrosine kinase inhibitor vandetanib on constitutive and flow-stimulated nitric oxide elaboration in humans. *Hypertension*, 2011; 58:85-92
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8. Rask F, Dallabrida SM, Ismail NI, Amoozgar Z, Yeo Y, Rupnick M, Radisic M, Photocrosslinkable chitosan-modified with angiotensin-1 peptide, promotes survival of neonatal rat heart cells. *J Biomedical Mat. Res*. 2010; 95(1):105-17

9. Rask F, Mihic A, Reis L, Dallabrida SM, Ismail NI, Sider K, Simmons CA, Rupnick MA, Weisel RD, Li R-K, Radisic M. Hydrogels modified with QHREDGS peptide support cardiomyocyte survival in vitro and after sub-cutaneous implantation. *Soft Matter, Special Tissue Engineering Issue*. 2010; 6, 5089-5099
10. Dallabrida SM, Ismail NS, Pravda EA, Parodi EM, Dickie R, Durand EM, Lai J, Cassiola F, Rogers RA, Rupnick MA. Integrin Binding Angiopoietin-1 Monomers Reduce Cardiac Hypertrophy. *FASEB J*. 2008;22:3010-23
11. Ferreira LS, Gerecht S, Shieh HF, Watson N, Rupnick MA, Dallabrida SM, Vunjak-Novakovic G, Langer R. Vascular progenitor cells isolated from human embryonic stem cells give rise to endothelial and smooth muscle-like cells and form vascular networks in vivo. *Circ Res*. 2007;3:101:286-94.
12. Chu TF, Rupnick MA, Kerkela R, Dallabrida SM, Zurakowski D, Nguyen L, Woulfe K, Pravda E, Cassiola F, Desai J, George S, Morgan JA, Harris DM, Ismail NS, Chen JH, Schoen FJ, Van den Abbeele AD, Demetri GD, Force T, Chen MH. Cardiotoxicity associated with tyrosine kinase inhibitor sunitinib. *Lancet*. 2007;370:2011-9
13. Dickie R, Bachoo RM, Rupnick MA, Dallabrida SM, DeLoid GM, Lai J, DePinho RA, Rogers RA. Three-dimensional visualization of microvessel architecture of whole-mount tissue by confocal microscopy. *Microvas. Res*. 2006;72:20-26
14. Dallabrida SM, Ismail N, Oberle JO, Himes BZ, Rupnick MA. Angiopoietin-1 promotes cardiac and skeletal myocyte survival through integrins. *Circ Res*. 2005;96:e8-e24 (Ultrarapid Communication)
15. Dallabrida SM, Rupnick MA. Role of the Vascular Endothelium in Tissue Remodeling: Implications for Heart Failure. *Cold Spring Harbor Symp. Quantitative Biology*. Cold Spring Harbor, NY; 2002. LXVII. P. 417.
16. Dallabrida SM, Falls LA, Farrell DH. Factor XIIIa supports endothelial cell adhesion and inhibits capillary tube formation in fibrin. *Blood*. 2000;95:2586-92.
17. Dallabrida SM, DeSousa MA, Farrell DH. Expression of antisense to integrin subunit avb3 inhibits microvascular endothelial cell capillary tube formation in fibrin. *J Biol Chem*. 2000;275:32281-8

CONFERENCE PRESENTATIONS

1. Ly, J, Heidman M, Dallabrida SM, Digital Enrollment and Communication Acceptance for Decentralized Clinical Trial Participation, ISPOR 2023
2. Ly, J, Heidman M, Dallabrida SM, Technology and Device Acceptance Among an Older Population for Decentralized Clinical Trial Participation, ISPOR 2023
3. Ly, J, Heidman M, Dallabrida SM, Decentralized Clinical Trials and Time Burden: Important Considerations for Potential Clinical Trial Participants, ISPOR 2023

4. Dallabrida SM and Culbreth-Notaro M., Use of Social Media Based in Decentralized Clinical Trials: Impact on Age of Recruitment, DIA, 2022
5. Dallabrida SM and Culbreth-Notaro M., Meta-Analysis: ePRO Compliance and Retention for Patients using their own Smartphones in Fully Decentralized Clinical Trials ISPOR, 2022
6. Dallabrida SM, Guo G, Parth S, Linke H, Culbreth-Notaro M. Age Does Not Impact Patient Ease of Use for Recording Their COVID-19 Symptoms in an Electronic Capture Diary: Results from the Obvio-19 Study, Virtual DIA, 2021
7. Dallabrida SM, Parth S, Linke H, Culbreth-Notaro M. Patient Preferences and Feedback Regarding Daily Reporting of COVID-19 Symptoms using Personal Smartphones for the Obvio-19 Study, Virtual ISPOR, 2021
8. Dallabrida SM, Guo G, Culbreth-Notaro M. Compliance with ePRO is High and Stable with Patients using their own Smartphones in Fully Decentralized Clinical Trials, Virtual ISPOR, 2021
9. Yamamoto RT, Dallabrida SM, Common Symptom Terminology Is Frequently Misunderstood, DIA Annual Meeting, San Diego, CA, 2019
10. Dallabrida SM, Engaging Patients with BYOD, Wearables, and Sensors, Webinar, 2019
11. Gauthier M, Egan S, Ryan A, Khurana L, Dallabrida SM, Evans C, Do Words Matter? Patient Perspectives on Conceptually Similar Symptoms and Impacts Frequently Utilized in Patient-Reported Outcome (PRO) Measures, ISPOR, Baltimore, MD, 2018
12. Ly JJ, Durand E, Gary S, Tuller JM, Dallabrida SM, Patients Consider Training A Necessary Part of Clinical Trials, Preferring Readily-Accessible Interactive Electronic Training, ISPOR 22nd International Annual Meeting, Boston, 2017
13. Evans CJ, Serrano D, Witherspoon B, Khurana L, Dallabrida SM, Are Patient's Responses to Five Point Verbal Descriptor Scales and Visual Analogue Scales Replicate Measures?, ISPOR 22nd International Annual Meeting, Boston, 2017
14. Tutuncu A, Egan S, Evans C, Cala ML, Ryan A, Khurana L, Dallabrida SM, Proximal Versus Distal Impacts of Disease: Drivers of Bothersomeness Ratings in Patient-Reported Outcome (PRO) Studies, ISPOR 22nd International Annual Meeting, Boston, 2017
15. Tutuncu A, Egan S, Evans C, Ryan A, Cala ML, Khurana L, Dallabrida SM, What is Being Measured in Patient-Reported Outcome (PRO) Measures? Symptom Questions May Often Reveal Impact Answers, ISPOR 22nd International Annual Meeting, Boston, 2017
16. Mayer EL, Isakoff SJ, Hannagan K, Savoie J, Beckman J, Rupnick MA, Dallabrida SM, Klement G, Downing S, Gelman R, Winer EP, Burstein HJ. Phase I study of vandetanib plus metronomic chemotherapy in advanced breast cancer. Breast Cancer Symposia TX. 2008.

17. Ismail N, Dallabrida SM, Pravda EA, Parodi EM, Rupnick MA. Integrins are Novel Angiopoietin-1 Receptors on Cardiomyocytes: New Nonvascular Cardioprotective Mechanism. Research Symposia, Univ. Mass., Boston MA, 2007
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20. Dallabrida SM, Euloth M, Folkman J, Rupnick MA. Angiopoietins & VEGF shift during cardiac vascular maturation. Keystone Symposia on Angiogenesis in Cancer/Other Diseases, Alberta, Canada. 2002