

Héctor L. Banchs-Viñas, MD

hector.banchs@upr.edu

EDUCATION and RESIDENCY TRAINING

July 2017- June 2019 **Clinical Cardiac Electrophysiology Fellowship**
University of Maryland Medical Center
University of Maryland School of Medicine (Baltimore, MD)

July 2016- June 2017 **Advanced Heart Failure and Transplant Cardiology Fellowship**
University of Florida Health
University of Florida College of Medicine (Gainesville, FL)

July 2013- June 2016 **Cardiovascular Disease Fellowship**
University District Hospital
University of Puerto Rico School of Medicine (San Juan, PR)

July 2010-June 2013 **General Internal Medicine Residency**
University District Hospital
University of Puerto Rico School of Medicine (San Juan, PR)

2006- 2010 **Doctor of Medicine – Cum Laude**
University of Puerto Rico School of Medicine
Medical Sciences Campus (San Juan, PR)

2003-2006 **Bachelor of Science – Magna Cum Laude**
University of Puerto Rico
Río Piedras Campus (San Juan, PR)

FACULTY APPOINTMENTS

October 2019-Present **Assistant Professor of Medicine**
University of Puerto Rico School of Medicine

HOSPITAL PRIVILEGES

2019-Present **Centro Cardiovascular de Puerto Rico y del Caribe**

LICENCE TO PRACTICE MEDICINE

May, 2013 **Puerto Rico**
Unrestricted Medical License # 20937

PROFESSIONAL LICENSURES / CERTIFICATION EXAMS

2019	American Board of Internal Medicine - Certified in Clinical Cardiac Electrophysiology
2018	American Board of Internal Medicine - Certified in Advanced Heart Failure and Transplant Cardiology
2016	American Board of Internal Medicine - Certified in Cardiovascular Disease
2015	National Board of Echocardiography - Certified in Adult Echocardiography
2013	American Board of Internal Medicine - Certified in Internal Medicine
2012	USMLE Step 3 – Approved
2010	USMLE Step 2 Clinical Skills – Approved
2009	USMLE Step 2 Clinical Knowledge – Approved
2008	USMLE Step I – Approved

AWARDS, MERITS, and CERTIFICATES

2019	Reviewer JACC Case Reports
2017	HeartMate II Surgical Training Program, St. Jude Medical/Thoratec
2015	Scholarship, Mayo Clinic 2015 Cardiovascular Board Review Course
2015	Puerto Rican Society of Cardiology Research Competition, First Place
2015	Southern Society for Clinical Investigation Young Clinician Scientist Award
2014	Fellow of the year award, University of Puerto Rico School of Medicine
2010	Doctor of Medicine – Cum Laude, University of Puerto Rico, Medical Sciences Campus
2006	bachelor's in science, General Science Major – Magna Cum Laude, University of Puerto Rico, Río Piedras Campus
2006	Dean's List – Faculty of Natural Sciences, University of Puerto Rico, Río Piedras Campus

RESEARCH EXPERIENCE

2012-2016	Idiopathic Dilated Cardiomyopathy in Puerto Rican Patients: Frequency of Familial Cardiomyopathy and report of outcomes Héctor Banchs-Pieretti MD, Pablo I Altieri MD, Juan C Zevallos MD, Héctor Banchs-Viñas MD, Héctor Claudio MD, Fabio Ricci MD, Marcel Mesa MD, Anthony Osterman MD. University of Puerto Rico School of Medicine, Cardiovascular Medicine Division.
-----------	---

- 2011-2014 **Incidence of Restenosis after Angioplasty at the Cardiovascular Center of Puerto Rico and the Caribbean**
Héctor Banchs-Viñas MD, Bladimir Sánchez MD, Pablo I Altieri MD.
University of Puerto Rico School of Medicine, Cardiovascular Medicine Division.
- 2005-2007 **Effect of AT-1 Receptor Inhibition on the Stimulation of Tracheal Smooth Muscle in the Presence of the Nitric Oxide Inhibitor L-NAME**
Guido Santacana, Héctor Banchs-Viñas.
University of Puerto Rico School of Medicine, Department of Physiology, San Juan Puerto Rico.

PUBLICATIONS

- 2018 **Extended Resuscitative endovascular balloon occlusion of the aorta (REBOA)-induced type 2 myocardial ischemia: a time dependent penalty**
Philip J Wasicek MD, William A Teeter MD, Hector Banchs MD, Samuel Galvagno DO, Peter Hu PhD, Jonathan Morrison MD.
- 2015 **Diagnostic Studies for the Evaluation of Peripheral Artery Disease**
Héctor Banchs-Viñas MD, Hector Claudio MD, Marcel Mesa MD, Angel Lopez-Candales. MD. Bol Asoc Med PR. 2015 Jul-Sep.

ABSTRACTS AND PRESENTATIONS

- 2019 **When a Device Software Upgrade Goes Wrong**
Héctor Banchs-Viñas MD, Jason Appeelbaum MD, Robert Peters MD, Stephen R. Shorofsky MD, Vincent Y. See MD, Alejandro Jimenez-Restrepo MD. University of Maryland, Cardiovascular Medicine Division.
Poster presentation at the 2019 Heart Rhythm Society Scientific Sessions, San Francisco, CA.
- 2018 **A Rare Cause of Right Atrial Lead Noise**
Héctor Banchs-Viñas MD, Timm-Michael Dickfeld MD, PhD, Jeffrey N. Rottman MD, Stephen R. Shorofsky MD, PhD, Vincent Y. See MD.
University of Maryland, Cardiovascular Medicine Division.
Poster presentation at the 2018 Heart Rhythm Society Scientific Sessions, Boston, MA.
- 2018 **A Case of Withheld Defibrillator Therapy for 9 Minutes of VT**
Evan Grove, MD, Muhammad Amer, MD, MHS, Kashif Chaudhry, MBBS, Hector L. Banchs, MD, Diandra Browne, Vincent Y. See, MD, Stephen R. Shorofsky, MD, PhD, FHRS, Alejandro Jimenez, MD and Timm-Michael

Dickfeld, MD, PhD.

University of Maryland, Cardiovascular Medicine Division.

Poster presentation at the 2018 Heart Rhythm Society Scientific Sessions, Boston, MA.

2018

Extended Resuscitative Endovascular Balloon Occlusion of the Aorta (REBOA) Induced Type 2 Myocardial Ischemia

Philip J Wasicek MD, William A Teeter MD, Hector Banchs MD, Samuel Galvagno DO, Peter Hu PhD, Jonathan Morrison MD.

University of Maryland, School of Medicine.

Poster presentation at the 2018 Shock Society Conference, Scottsdale, AZ.

2015

Heart Failure with Reduced Ejection Fraction in Puerto Rico

Héctor Banchs-Viñas MD, Héctor Claudio MD, Marcel Mesa MD, Gisela Puig MD, Héctor Banchs-Pieretti MD, Pablo Altieri MD, Anthony Osterman MD, Ivan Gonzalez-Cancel MD.

University of Puerto Rico School of Medicine, Cardiovascular Medicine Division. Oral presentation at the 2015 Puerto Rican Society of Cardiology Scientific Sessions, Fajardo, PR.

2015

Incidence of Stent Restenosis in Puerto Rico

Bladimir Sánchez MD, Héctor Banchs-Viñas MD, Pablo I Altieri MD.

University of Puerto Rico School of Medicine, Cardiovascular Medicine Division. Oral presentation at the 2015 American Federation for Medical Research, Southern Regional Meeting, New Orleans, LA.

2015

Underlying Causes of Heart Failure with Reduced Ejection Fraction in a Hispanic Population

Héctor Banchs-Viñas MD, Héctor Claudio MD, Marcel Mesa MD, Héctor Banchs-Pieretti MD, Pablo Altieri MD, Anthony Osterman MD.

University of Puerto Rico School of Medicine, Cardiovascular Medicine Division. Oral presentation at the 2015 American Federation for Medical Research, Southern Regional Meeting, New Orleans, LA.

2015

Successful Thrombolysis for Pulmonary Embolism with Associated Right Ventricular Thrombus

Héctor Banchs-Viñas MD, Rafael Calderón MD, Yearim Gutierrez MD.

University of Puerto Rico School of Medicine, Cardiovascular Medicine Division. Poster presentation at the 2015 American Federation for Medical Research, Southern Regional Meeting, New Orleans, LA.

2015

Purulent Pericarditis Causing Cardiac Tamponade

Héctor Banchs-Viñas MD, Jorge Ortega-Gil MD, José Abreu MD. University of Puerto Rico School of Medicine, Cardiovascular Medicine Division. Poster presentation at the 2015 American Federation for Medical Research, Southern Regional Meeting, New Orleans, LA.

2014

Brugada Syndrome

Héctor Banchs-Viñas MD, Norwin Rivera MD, Pablo Altieri MD. University of Puerto Rico School of Medicine, Cardiovascular Medicine Division. Poster presentation at the 2014 American Federation for Medical Research, Southern Regional Meeting, New Orleans, LA.

2012

Syphilitic Uveitis and Osteomyelitis

Edgardo Ortíz MD, Héctor Banchs-Viñas MD, Héctor Claudio MD, Marcel Mesa, MD, Vanessa Sepúlveda MD. University of Puerto Rico School of Medicine, Department of Medicine. Oral Presentation at the American College of Physicians Clinical Vignettes and Research Competition, San Juan, PR.

2012

Scurvy: A long forgotten disease

Héctor Banchs-Viñas MD, Marcel Mesa, MD, Alberto Zamot MD, Víctor Carlo MD. University of Puerto Rico School of Medicine, Department of Medicine. Oral Presentation at the American College of Physicians Clinical Vignettes and Research Competition, San Juan, PR.

2005

Effect of AT-1 Receptor Inhibition on the Stimulation of Tracheal Smooth Muscle in the Presence of the NO Inhibitor L-NAME.

Guido Santacana PhD, Héctor Banchs-Viñas, University of Puerto Rico School of Medicine Department of Physiology, San Juan Puerto Rico. Poster presentation at the RISE Program Research Forum.

LEADERSHIP / ACADEMIC POSITIONS

2015 – 2016

Chief Fellow, Cardiology Training Program. University of Puerto Rico, School of Medicine. San Juan, PR.

2015 – 2016

Fellows in Training (FIT) Representative, American College of Cardiology, Puerto Rico Chapter, San Juan, PR.

2013

Introduction to Clinical Skills Course. University of Puerto Rico, School of Medicine. San Juan, PR.

- 2007- 2010 **Vice-President for the University of Puerto Rico School of Medicine Class of 2010. University of Puerto Rico, School of Medicine. San Juan, PR.**
 Student leader and liaison between the Class of 2010 and the School of Medicine. I helped manage and coordinate class resources for various activities and serve in various committees.
- 2007- 2008 **Member of the Accreditation Committee for the UPR-School of Medicine’s 2008 LCME Accreditation process. University of Puerto Rico, School of Medicine. San Juan, PR.**
 I was part of the main Accreditation Committee and participated in meetings and tours with LCME officials of the Accreditation Committee. I was part of a focus group that analyzed different courses of the curriculum along faculty.
- 2007- 2008 **Member of the “Students Accreditation Self Study and Report” Sub-Committee. University of Puerto Rico, School of Medicine. San Juan, PR.**
 Along members of the Medicine Class of 2010, my role was to coordinate meetings and prepare data for the accreditation process for the University of Puerto Rico-School of Medicine’s 2008 successful Accreditation process.

PROFESSIONAL AND EXTRACURRICULAR MEMBERSHIPS

- 2013- present **Heart Rhythm Society**
- 2013- present **American College of Cardiology**

COMMUNITY SERVICE/ EXTRACURRICULAR ACTIVITIES

- 2006- 2010 **Capetillo Clinics, Rio Piedras, PR**
 Volunteer at Capetillo Clinic, Río Piedras, Puerto Rico. Active participation at a community clinic organized by medical students that provides primary care for indigent patients in their own community.

QUALIFICATIONS

- Fully Bilingual, fluent in English and Spanish.