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Interventional Cardiologist | Editor-in-Chief: USC Journal
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E-mail Address

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Birthdate

January 17, 1978 | Athens | Greece

Immigration status | Citizenship

U.S. Permanent Resident | Greek Citizen

Spouse & Child

Ekaterini Tsegka | American & Greek Citizen
Dimitrios Vasileios Gkogkas | American & Greek Citizen

Current Titles and Affiliations

Interventional Cardiologist

Division of Cardiology | Interventional Cardiology
Metropolitan General Hospital | Hellenic Healthcare Group
Mesogion 264 | 15562 | Athens | Greece
June 2020 – present

Editor-in-Chief | US Cardiology Review

Radcliffe Group Ltd
Buckinghamshire SL8 5AS | United Kingdom
January 2020 – present



Personal Statement

I am Interventional Cardiologist with over 10 years of clinical and academic experience in the field of Interventional Cardiovascular Medicine. I have been working for over a decade with world renowned authorities in Interventional Cardiology: Prof. Patrick W. Serruys, MD, PhD from Erasmus University in Rotterdam, Prof. Spencer B. King III from Emory University in Atlanta, Georgia the United States of America and Prof. Shao-Liang Chen from Nanjing Medical University in Nanjing, China.

I am currently employed by Metropolitan General Hospital as Interventional Cardiologist following intense training in Interventional Cardiology at the legendary catheterization laboratory of Nanjing First Hospital in Nanjing, China aka “The Spencer B. King III Cath Lab”. The facility was a center of excellence for coronary interventions specializing in complex coronary interventions such as complex bifurcations and chronic total occlusions. It is considered among the leading catheterization laboratories worldwide with an average volume of over 4,000/year. My daily practice is focusing in treating patients with complex left main bifurcations, non-left main bifurcations and chronic total occlusions.

I am an established clinical researcher in the field of Interventional Cardiology with over 2,600 citations and h-index of 30. I am invited faculty in over 10 scientific conferences annually worldwide to deliver state-of-the-art educational lectures. My research interests are focused in investigating novel approaches to the treatment of complex coronary disease, novel platforms such as bioresorbable scaffolds for the treatment of significant coronary stenoses and the impact of imaging-guided coronary interventions in clinical outcomes. My most recent publication was the ULTIMATE randomized clinical trial, which showed that patients treated with intravascular ultrasound guidance have significantly better clinical outcomes compared to those guided angiographically.

For over a decade I have been an asset to each institution I was representing. I have strong work ethics, passion for hard work, compassion in patient care, robust international network and confidence in my abilities.



Previous Academic and Professional Appointments

Instructor of Medicine (Interventional Cardiology)

Department of Medicine | Division of Cardiology

Interventional Cardiology

The Andreas Gruentzig Cardiovascular Center | Emory University School of Medicine

Atlanta | GA | U.S.

October 2015- August 2018

CME Editor: *JACC Cardiovascular Interventions*

American College of Cardiology

Washington D.C. | U.S.

October 2015 – August 2018

Post-Doctoral Fellow (Interventional Cardiology)

Department of Medicine | Division of Cardiology |

Interventional Cardiology |

The Andreas Gruentzig Cardiovascular Center | Emory University School of Medicine

Atlanta | GA | US

Sep. 2012 - Sep. 2015

Doctoral Fellow (PhD Interventional Cardiology)

Division of Cardiology | Interventional Cardiology

Thoraxcenter | Erasmus University Rotterdam

Rotterdam | The Netherlands

Sep. 2009 – June. 2014

Clinical Fellow, Interventional Cardiology

Department of Medicine | Division of Cardiology

ATTIKON University Hospital

University of Athens Medical School

Athens | Greece

2008–2010



Clinical Fellow, Cardiology

Department of Medicine | Division of Cardiology
ATTIKON University Hospital
University of Athens Medical School
Athens | Greece
2006–2010

Resident Physician, Internal Medicine

Department of Medicine
ATTIKON University Hospital
University of Athens Medical School | Athens | Greece
2004–2006

Education

Doctor of Medicine (MD)

University of Athens Medical School | Athens | Greece 1997-2002

Doctor of Philosophy (PhD)

Thoraxcenter | Erasmus University | Rotterdam | The Netherlands 2009-2014

Medical License

Jiangsu Province | Nanjing | China # 0192/03.05.2018

Athens | Greece # 10046/17.04.2002

London | United Kingdom # 6135692/11.10.2005

Honors and Awards

Double Innovation Plan | Special Talent Plan of China 2019
Jiangsu Province | Nanjing | China

Foreign Expert Talent | Special 100 People Plan of China 2018
Jiangsu Province | Nanjing | China

Young Leader in Interventional Cardiology 2018
Cardiovascular Research Technologies (CRT)
Washington D.C. | U.S.



<p>Best Session Award 13th Annual Scientific Meeting of the Korean Society of Interventional Cardiology (KSIC) Seoul South Korea</p>	<p>2017</p>
<p>Outstanding Faculty Emory Research Appreciation Day Emory University School of Medicine Atlanta GA U.S.</p>	<p>2016</p>
<p>International Society of Cardiovascular Translational Research Award 61st American College of Cardiology (ACC) Annual Scientific Sessions Chicago IL U.S.</p>	<p>2012-2013</p>
<p>Best Challenging Case Award 22nd Annual Scientific Sessions of Transcatheter Cardiovascular Therapeutics (TCT) Washington D.C. U.S</p>	<p>2010</p>

Continuing Professional Development Activities

<p>Advanced Trauma Life Support Course Instructor Accredited by the American College of Surgeons University of Athens Medical School, Athens, Greece</p>	<p>2003–2007</p>
<p>Basic Life Support Course Instructor Accredited by the European Resuscitation Council University of Athens Medical School, Athens, Greece</p>	<p>2004</p>
<p>Gateway to Research Training Program Erasmus Summer Programme '10 Erasmus University, Rotterdam, The Netherlands</p>	<p>2010</p>

Military Service

<p>Airman Hellenic Air Forces 124 Basic Training Wing Greece</p>	<p>2015-2016</p>
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Consultantships - Advisory Boards

Scientific Advisory Board Maverick Vascular Technologies	2015-2016
Consultant NIH SBIR Research Grant Micro-chip IVUS Technologies (PI – Levent Dekertegin, Ph.D.)	2015-2016
Consultant NIH R01 Research Grant Multi-scale modeling for prediction of growth and remodeling of atherosclerotic arteries (PI – Heather Hayenga, Ph.D.)	2018-2019

Peer Review Activities

Journals

EuroIntervention	2012- present
JACC: Cardiovascular Interventions	2010- present
JACC: Basic to Translational Research	2016- present
International Journal of Cardiology	2013- present
Trends in Cardiovascular Medicine	2014- present
Journal of Interventional Cardiology	2015- present
Journal of Vascular and Interventional Radiology	2016- present
Journal of Cardiovascular Translational Research	2014- present
Atherosclerosis	2018- present

Editorships and Editorial Boards

CME Editor: JACC Cardiovascular Interventions	2015- 2018
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Society Memberships

Member, Hellenic Cardiac Society	2010 – present
Member, European Society of Cardiology	2010 – present
Fellow, American College of Cardiology	2014 – present
Member, EAPCI	2012 – present



Organization of Conferences

Sessions as Moderator

Bioresorbable Scaffolds
Transcatheter Cardiovascular Therapeutics (TCT)
San Francisco | U.S. | Sep 27, 2019

Intravascular Imaging
Transcatheter Cardiovascular Therapeutics (TCT)
San Francisco | U.S. | Sep 28, 2019

Live Coronary Cases
Gwangju International Interventional Cardiology Symposium (GICS)
Gwangju | South Korea | June 12-14, 2019

Live Coronary Cases
Gwangju International Interventional Cardiology Symposium (GICS)
Gwangju | South Korea | June 7-9, 2018

All You Need to Know about BRS
Myocardial Ischemia Symposium in South Korea (MIS-Korea)
Korean Society of Cardiology
Seoul | South Korea | Feb 22-23, 2018

Throbbing Issues in BRS
Korean Society of Interventional Cardiology (KSIC)
Seoul | South Korea | Jan 12-14, 2017

Dedicated Bifurcation Stent: Current status and perspectives
Left Main & Coronary Bifurcation Summit (CBS)
Jiangsu Province | Nanjing | China | Dec 1-4, 2016

BRS Technology, Implantation Technique and Patient Selection
Transcatheter Cardiovascular Therapeutics (TCT)
Washington D.C. | U.S. | Oct 29-Nov 2, 2016

Vulnerable Plaque Detection and Treatment
Transcatheter Cardiovascular Therapeutics (TCT)
Washington D.C. | U.S. | Oct 29-Nov 2, 2016



Serial IVUS and OCT Studies
Transcatheter Cardiovascular Therapeutics (TCT)
Washington D.C. | U.S. | Oct 29-Nov 2, 2016

Organization of Conferences

Sessions as Lecturer

IVUS Clinical Applications
9th International Interventional Forum
Changchun | China | Aug. 2019

IVUS-guided vs. Angio-guided PCI
17th Gwangju International Interventional Cardiology Symposium (GICS)
Gwangju | South Korea | June 2019

Contemporary Approach to STEMI
17th Gwangju International Interventional Cardiology Symposium (GICS)
Gwangju | South Korea | June 2019

Lessons from the DK Crush Trials
Cardiovascular Research Technologies (CRT)
Washington D.C. | U.S. | March 2019

Left Main: When & How to Approach
Cardiovascular Research Technologies (CRT)
Washington D.C. | U.S. | March 2019

Coronary Stents & Bioresorbable Scaffolds in 2018
16th Gwangju International Interventional Cardiology Symposium (GICS)
Gwangju | South Korea | June 2018

My Contributions in Interventional Cardiology
Jiangsu Province | Nanjing First Hospital
Nanjing | China | May 2018

Lessons from the ABSORB Trials
Cardiovascular Research Technologies (CRT)
Washington D.C. | U.S. | March 2018

The Landscape of Bioresorbable Scaffolds in 2018
Myocardial Ischemia Symposium in South Korea (MIS-Korea)
Korean Society of Cardiology
Seoul | South Korea | Feb. 2018



Mechanobiology of Bioresorbable Scaffolds and Metal Stents
Myocardial Ischemia Symposium in South Korea (MIS-Korea)
Korean Society of Cardiology
Seoul | South Korea | Feb. 2018

Conformability and wall shear stress assessment following deployment of the Resolute Integrity Zotarolimus-Eluting Stent and the XIENCE Xpedition Everolimus-Eluting Stent in angulated vessels: An interim Analysis of the SHEAR-STENT Randomized Controlled Study”

Cardiovascular Research Technologies (CRT)
Washington D.C. | U.S. | Feb. 2017

Recent advances and new trials with bioresorbable scaffolds
The Korean Society of Interventional Cardiology Workshop, (KSIC)
Seoul | South Korea | Jan. 2017

Optimal lesion candidates for bioresorbable scaffolds
The Korean Society of Interventional Cardiology Workshop, (KSIC)
Seoul | South Korea | Jan. 2017

Computational fluid dynamics after stenting with bioresorbable scaffolds
The 9th Left Main & Coronary Bifurcation Summit (CBS)
Jiangsu Province | Nanjing | China | May 2016

Recent Clinical Trials of Bioresorbable Scaffolds
The 34th Korean Society of Interventional Cardiology Workshop (KSIC)
Seoul | South Korea | July 2015

Importance of Invasive Imaging for Bioresorbable Vascular Scaffold Implantation
The 34th Korean Society of Interventional Cardiology Workshop (KSIC)
Seoul | South Korea | July 2015

Vascular response of the segments adjacent to the proximal and distal edges of the ABSORB Everolimus-Eluting Bioresorbable Vascular Scaffold: 6 Months and 1 Year Follow-up assessment. A VH-IVUS analysis from the first-in-man, ABSORB Cohort B Trial
American College of Cardiology Scientific Sessions (ACC)
Chicago | IL | U.S. | March 2012

The edge vascular response following implantation of the ABSORB Everolimus-Eluting Bioresorbable Vascular Scaffold.
A 2 Year follow-up assessment.
Insights from the first-in-man ABSORB cohort B trial”
EuroPCR
Paris | France | May 2012

Comparative quantitative assessment of histomorphometry and optical coherence tomography

The 1st Bioresorbable Vascular Scaffold Summit (BVS Summit)
Rotterdam | The Netherlands | March 2011

Right Coronary Occlusion Following TAVI
Transcatheter Cardiovascular Therapeutics (TCT)
Washington D.C. | U.S. | Sep. 2010

Institutional at Emory University

Lessons from the ABSORB Trials”
Emory Practical Intervention Course (EPIC)
Atlanta | GA | U.S. | April 2017

Novel Bioresorbable Scaffold Designs
Emory Practical Intervention Course (EPIC)
Atlanta | GA | U.S. | April 2017

Randomized clinical trials with bioresorbable scaffolds. Where are we?
Emory Practical Intervention Course (EPIC)
Atlanta | GA | U.S. | April 2017

Biomechanics of permanent and bioresorbable devices
Emory Practical Intervention Course (EPIC)
Atlanta | GA | U.S. | April 2016

Vasomotor function comparative assessment at 1 and 2 Years following implantation of the Absorb Bioresorbable Vascular Scaffold and the Xience V Metallic stent in porcine coronary arteries

Emory Research Day
Atlanta | GA | U.S. | June 2015

Computational fluid dynamics applied to virtually deployed drug-eluting bioresorbable scaffolds

Emory Research Day
Atlanta | GA | U.S. | June 2014

Administrative Positions

Organizing Committee |
Emory Practical Intervention Course (EPIC-SEC)
Atlanta | GA | April 20-22, 2017

Manager |
Emory Practical Intervention Course (EPIC-SEC)
Atlanta | GA | April 19-21, 2018

Formal Teaching

Supervisory Teaching

Post-doctoral fellows directly supervised and published w/:

Boyi Yang Ph.D., Emory, Department of Mathematics
Brian Yoo, MD, Associate Professor, South Korea
Jon Suh, MD, Associate Professor, South Korea

Clinical Research Mentor

Mohamad Raad, MD, Internal Medicine, PGY2, Emory University, 2017-2018
Sonali Kumar, MD, Internal Medicine, PGY2, Emory University, 2016-2017
Nikolaos Spiliadis, MD, Internal Medicine, PGY2, Emory University, 2016-2017

Clinical Research Internship Program Mentor

Yasir Bouchi, BS
Udit Joshi, MD
Rounak Gandhi, MD
Hossein Hosseini, MD
Rani Rabah, MD

Clinical Research Undergrad Student Mentor

Noreen Syed
Esha Singhal
Mansi Maini



Research Focus

Novel Techniques for Treating Complex Bifurcation Lesions
Novel Techniques for Treating Chronic Total Occlusions
Clinical Outcomes following Complex Bifurcation Stenting
Pre-clinical Assessment of safety, efficacy and performance of Coronary Stents
Mechanobiologic Profiling of Coronary Arteries treated with BRS & Metallic stents

Grant Support

RCT - DK Crush VIII: Comparison of Intravascular Ultrasound-guided with Angiography-guided Double Kissing Crush Stenting for Patients with Complex True Coronary Bifurcation Lesions: A prospective, multi-center, randomized trial

Principal Investigator (PI): Shao-Liang Chen, MD, PhD

Co-PI: Bill D Gogas, MD, PhD

Boston Scientific

Period: 2018-2020

Budget: \$2,5 million

RCT - The COAST trial: Comparison of Antiplatelet MOnotherapy vs. Dual Antiplatelet Therapy after Implantation of the 2nd Generation Xience family of Drug-Eluting Stents stratified by Optical Coherence Tomographic Imaging Healing Pattern in patients with high ischemic risk: A Prospective, Multi-center, Randomized Controlled Trial

Principal Investigator (PI): Shao-Liang Chen, MD, PhD

Co-PI: Bill D Gogas, MD, PhD

Abbott Vascular

Budget: \$1,7 million

Contract: ABSORB III Imaging: Evaluation and Comparison of Three-Dimensional Wall Shear Stress Patterns and Neointimal Healing Following Percutaneous Coronary Intervention with Absorb™ Everolimus-Eluting Bioresorbable Vascular Scaffold Compared to Xience V® or Xience Prime™ Everolimus-Eluting Metallic Stent

My role: Co-Investigator

Abbott Vascular

Period: 2014 – 2018

Budget: \$ 800,000.00

Contract: Shear-Stent: The Evaluation of Re-endothelialization, Endothelial Function, Wall Shear Stress, and Neointimal Formation Following Percutaneous Coronary Intervention with the Resolute Integrity® Zotarolimus Drug-Eluting Coronary Stent Compared to the Xience V® Everolimus Drug-Eluting Coronary Stent.

My role: Co-Investigator

Medtronic

Period: 2014 – 2018

Budget: \$ 750,000.00



Bibliography

1. Coronary Bioresorbable Scaffolds in Interventional Cardiology
Gogas BD, Zhang JJ, Chen SL
US Cardiology Review 2018 [in press] DOI: <https://doi.org.uk/10.14520/usc.2018.12.1>
2. Volume Brings Value
Gogas BD, Chen SL
Catheter Cardiovasc Interv. 2018 Oct 1;92(4):651-652
PMID: 30341829
3. Intravascular Ultrasound-Guided Versus Angiography-Guided Implantation of Drug-Eluting Stent in All-Corers: The ULTIMATE trial.
Zhang J, Gao X, Kan J, Ge Z, Han L, Lu S, Tian N, Lin S, Lu Q, Wu X, Li Q, Liu Z, Chen Y, Qian X, Juan Wang, Chai D, Chen C, Li X, **Gogas BD**, Pan T, Shan S, Ye F, Chen SL
J Am Coll Cardiol. 2018 Sep 17
PMID: 30261237
4. Very Late Vasomotor Responses and Coronary Genotyping after Bioresorbable Scaffolds and Metallic Drug-eluting Stents Deployment in Porcine Coronary Arteries
Gogas BD, Kumar S, Benham J, Spiliadis N, Giddens DP, Veneziani A, Rapoza R, King SB, Jo H, Samady
JACC Cardiovasc Interv 2018. In press
5. Long-term Safety of Bioresorbable Scaffolds: Insights from a Network Meta-Analysis Including 87 Trials
Kang SH, **Gogas BD**, Jeon KH, Park JS, Yoon CH, Suh JW, Hwang SS, Chae IH
EuroIntervention. 2018 Mar 20;13(16):1904-1913
PMID: 29278353
6. Performance of J-CTO and PROGRESS CTO Scores in Predicting Angiographic Success and Long-term Outcomes of Percutaneous Coronary Interventions for Chronic Total Occlusions.
Forouzandeh F, Suh J, Stahl E, Ko YA, Lee S, Joshi U, Sabharwal N, Almuwaqqat Z, Gandhi R, Lee HS, Ahn SG, **Gogas BD**, Douglas JS, Robertson G, Jaber W, Karpaliotis D, Brilakis ES, Nicholson WJ, King SB 3rd, Samady H.
Am J Cardiol. 2018 Jan 1;121(1):14-20
PMID: 29146022



7. Opening Chronic Coronary Total Occlusions: Light in the Tunnel or Sleeping in Seattle?
King SB, **Gogas BD**
Eur Heart J. 2018. In press
8. Can the Vanishing Stent Reappear?
King SB, **Gogas BD**
J Am Coll Cardiol. 2017 Dec 12;70(23):2875-2877
PMID: 29100703
9. Discordance between FFR and CFR: Insights from Comprehensive Intracoronary Imaging and Coronary and Microvascular Physiologic Assessment.
Ahn SG, Suh J, Hung OY, Lee HS, Bouchi YH, Zeng W, Ko YA, Joshi U, Gandhi R, Eshtehardi P, **Gogas BD**, Samady H.
JACC Cardiovasc Interv. 2017 May 22;10(10):999-1007
PMID: 28521932
10. High wall shear stress and high-risk plaque: an emerging concept.
Eshtehardi P, Brown AJ, Bhargava A, Costopoulos C, Hung OY, Corban MT, Hosseini H, **Gogas BD**, Giddens DP, Samady H.
Int J Cardiovasc Imaging. 2017 Jan 10
PMID: 28074425
11. Computational estimation of the severity of coronary lesions with intravascular ultrasound images: a pilot study.
Siogkas PK, Papafaklis MI, **Gogas BD**, Samady H, Michalis LK, Fotiadis DI.
Conf Proc IEEE Eng Med Biol Soc. 2016 Aug; 2016:2664-2667.
PMID: 28268869
12. Urine proteome analysis in heart failure with reduced ejection fraction complicated by chronic kidney disease: feasibility, and clinical and pathogenetic correlates.
Farmakis D, Koeck T, Mullen W, Parissis J, **Gogas BD**, Nikolaou M, Lekakis J, Mischak H, Filippatos G.
Eur J Heart Fail. 2016 Jul;18(7):822-9.
PMID: 27220540
13. Atherogenesis.
Gogas BD, Samady H.
Trends Cardiovasc Med. 2016 Aug;26(6):548-9.
PMID: 27216228
14. Coronary Angioplasticity.
Gogas BD, Samady H.
JACC Cardiovasc Interv. 2016 Apr 25;9(8):852-5.
PMID: 27101911



- 15.** Feasibility of Optical Coherence Tomography-Derived Computational Fluid Dynamics in Calcified Vessels to Assess Treatment with Orbital Atherectomy.
Gogas BD, Yang B, Piccinelli M, Bouchi YH, King SB 3rd, Dib N, Giddens DP, Veneziani A, Samady H.
JACC Cardiovasc Interv. 2016 Apr 11;9(7): e65-6
PMID: 27056320
- 16.** Vasomotor Function Comparative Assessment at 1 and 2 Years Following Implantation of the Absorb Everolimus-Eluting Bioresorbable Vascular Scaffold and the Xience V Everolimus-Eluting Metallic Stent in Porcine Coronary Arteries: Insights From In Vivo Angiography, Ex Vivo Assessment, and Gene Analysis at the Stented/Scaffolded Segments and the Proximal and Distal Edges.
Gogas BD, Benham JJ, Hsu S, Sheehy A, Lefter DJ, Goodchild TT, Polhemus DJ, Bouchi YH, Hung OY, Yoo SY, Joshi U, Giddens DP, Veneziani A, Quyyumi A, Rapoza R, King SB 3rd, Samady H.
JACC Cardiovasc Interv. 2016 Apr 11;9(7):728-41
PMID: 27056313
- 17.** Novel 3-Dimensional Vessel and Scaffold Reconstruction Methodology for the Assessment of Strut-Level Wall Shear Stress After Deployment of Bioresorbable Vascular Scaffolds From the ABSORB III Imaging Substudy.
Gogas BD, Yang B, Piccinelli M, Giddens DP, King SB 3rd, Kereiakes DJ, Ellis SG, Stone GW, Veneziani A, Samady H.
JACC Cardiovasc Interv. 2016 Mar 14;9(5):501-3.
PMID: 26965940
- 18.** Biocorrosible metals for coronary revascularization: Lessons from PROGRESS-AMS, BIOSOLVE-I, and BIOSOLVE-II.
Bouchi YH, **Gogas BD**
Glob Cardiol Sci Pract. 2015 Dec 22;2015(5):63
PMID: 26925408
- 19.** Bioresorbable polymeric scaffolds for coronary revascularization: Lessons learnt from ABSORB III, ABSORB China, and ABSORB Japan.
Gogas BD, King SB 3rd, Samady H.
Glob Cardiol Sci Pract. 2015 Dec 22;2015(5):62.
PMID: 26925407

- 20.** Comprehensive Assessment of Coronary Plaque Progression With Advanced Intravascular Imaging, Physiological Measures, and Wall Shear Stress: A Pilot Double-Blinded Randomized Controlled Clinical Trial of Nebivolol Versus Atenolol in Nonobstructive Coronary Artery Disease.
Hung OY, Molony D, Corban MT, Rasoul-Arzrumly E, Maynard C, Eshtehardi P, Dhawan S, Timmins LH, Piccinelli M, Ahn SG, **Gogas BD**, McDaniel MC, Quyyumi AA, Giddens DP, Samady H.
J Am Heart Assoc. 2016 Jan 25;5(1)
PMID: 26811165
- 21.** Comparison of intravascular ultrasound guided versus angiography guided drug eluting stent implantation: a systematic review and meta-analysis.
Zhang YJ, Pang S, Chen XY, Bourantas CV, Pan DR, Dong SJ, Wu W, Ren XM, Zhu H, Shi SY, Iqbal J, **Gogas BD**, Xu B, Chen SL.
BMC Cardiovasc Disord. 2015 Nov 17; 15:153
PMID: 26577590
- 22.** A comparison of drug eluting stent biocompatibility between third generation NOBORI biolimus A9-eluting stent and second generation XIENCE V everolimus-eluting stent in a porcine coronary artery model.
Sumida A, **Gogas BD**, Nagai H, Li J, King SB 3rd, Chronos N, Hou D.
Cardiovasc Revasc Med. 2015 Sep;16(6):351-7
PMID: 26294337
- 23.** Plasma soluble urokinase-type plasminogen activator receptor level is independently associated with coronary microvascular function in patients with non-obstructive coronary artery disease.
Mekonnen G, Corban MT, Hung OY, Eshtehardi P, Eapen DJ, Al-Kassem H, Rasoul-Arzrumly E, **Gogas BD**, McDaniel MC, Pielak T, Thorball CW, Sperling L, Quyyumi AA, Samady H.
Atherosclerosis. 2015 Mar;239(1):55-60
PMID: 25574858
- 24.** Shedding light on scaffold vascular response.
Gogas BD, Samady H.
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PMID: 25523530
- 25.** Novel drug-eluting stents for coronary revascularization.
Gogas BD, McDaniel M, Samady H, King SB 3rd.
Trends Cardiovasc Med. 2014 Oct;24(7):305-13. doi: 10.1016/j.tcm.2014.07.004. Epub 2014 Aug 2. Review.
PMID: 25240980

- 26.** Progress in treatment by percutaneous coronary intervention: the stent of the future.
Muramatsu T, Onuma Y, Zhang YJ, Bourantas CV, Kharlamov A, Diletti R, Farooq V, **Gogas BD**, Garg S, García-García HM, Ozaki Y, Serruys PW.
Rev Esp Cardiol (Engl Ed). 2013 Jun;66(6):483-96
PMID: 24776051
- 27.** Circumferential distribution of the neointima at six-month and two-year follow-up after a bioresorbable vascular scaffold implantation: a substudy of the ABSORB Cohort B Clinical Trial.
Bourantas CV, Farooq V, Zhang Y, Muramatsu T, **Gogas BD**, Thuesen L, McClean D, Chevalier B, Windecker S, Koolen J, Ormiston J, Whitbourn R, Dorange C, Rapoza R, Onuma Y, Garcia-Garcia HM, Serruys PW.
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PMID: 24769420
- 28.** Computational fluid dynamics applied to virtually deployed drug-eluting coronary bioresorbable scaffolds: Clinical translations derived from a proof-of-concept.
Gogas BD, Yang B, Passerini T, Veneziani A, Piccinelli M, Esposito G, Rasoul-Arzrumly E, Awad M, Mekonnen G, Hung OY, Holloway B, McDaniel M, Giddens D, King SB 3rd, Samady H.
Glob Cardiol Sci Pract. 2014 Dec 31;2014(4):428-36. doi: 10.5339/gcsp.2014.56. eCollection 2014.
PMID: 25780796
- 29.** Bioresorbable scaffolds for percutaneous coronary interventions.
Gogas BD
Glob Cardiol Sci Pract. 2014 Dec 31;2014(4):409-27. doi: 10.5339/gcsp.2014.55. eCollection 2014. Review.
PMID: 25780795
- 30.** Natural history of optical coherence tomography-detected non-flow-limiting edge dissections following drug-eluting stent implantation.
Radu MD, Räber L, Heo J, **Gogas BD**, Jørgensen E, Kelbæk H, Muramatsu T, Farooq V, Helqvist S, Garcia-Garcia HM, Windecker S, Saunamäki K, Serruys PW.
EuroIntervention. 2014 Jan 22;9(9):1085-94
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- 31.** Assessment of plaque evolution in coronary bifurcations located beyond everolimus eluting scaffolds: serial intravascular ultrasound virtual histology study.
Lee IS, Bourantas CV, Muramatsu T, **Gogas BD**, Heo JH, Diletti R, Farooq V, Zhang Y, Onuma Y, Serruys PW, Garcia-Garcia HM.
Cardiovasc Ultrasound. 2013 Jul 20;11:25
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- 32.** Biomechanical assessment of fully bioresorbable devices.
Gogas BD, King SB 3rd, Timmins LH, Passerini T, Piccinelli M, Veneziani A, Kim S, Molony DS, Giddens DP, Serruys PW, Samady H.
JACC Cardiovasc Interv. 2013 Jul;6(7):760-1. doi: 10.1016/j.jcin.2013.04.008. No abstract available.
PMID: 23866188
- 33.** Intracoronary optical coherence tomography and histology of overlapping everolimus-eluting bioresorbable vascular scaffolds in a porcine coronary artery model: the potential implications for clinical practice.
Farooq V, Serruys PW, Heo JH, **Gogas BD**, Onuma Y, Perkins LE, Diletti R, Radu MD, Räber L, Bourantas CV, Zhang Y, van Remortel E, Pawar R, Rapoza RJ, Powers JC, van Beusekom HM, Garcia-Garcia HM, Virmani R.
JACC Cardiovasc Interv. 2013 May;6(5):523-32.
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Multimodality Imaging of the Long-term Vascular Responses Following Implantation of Metallic and Bioresorbable Devices

Gogas BD

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