Meet Our Editorial Board Member

Jawahar Lal Mehta

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Prof. Mehta received his MD degree from Medical College, Amritsar, India (Summa cum laude) and PhD from University of Uppsala, Uppsala, Sweden. He completed his post-graduate education in Mount Sinai School of Medicine, New York, NY and University of Minnesota, Minneapolis, MN. Following his training, he joined the faculty of the University Of Florida College Of Medicine, Gainesville, FL where he rose to be University Research Foundation professor.

He moved to Little Rock, Arkansas in 2000 as the first Stebbins Chair in Cardiology and Professor of Medicine and Physiology and Biophysics. He led the Division of Cardiovascular Medicine at the University of Arkansas for Medical Sciences and the affiliated Central Arkansas Veterans Affairs Medical Center.

Prof. Mehta is known for his original work on platelet biology and thrombosis in myocardial ischemia in late 1970s and early 1980s. This seminal work led to the trials of aspirin and other anti-platelet drugs in cardiac patients.

Prof. Mehta's research focuses on the last 15 years on the biology of LOX-1, a receptor for oxidized low density lipoprotein, which has opened a new target for cardiovascular therapy. His recent work has led to the development of small molecules targeting LOX-1, and development of biologics by major pharmaceutical companies Amgen and MedImmune. His work has been supported by the NIH, AHA and the Department of Veterans Affairs, and several pharmaceutical companies- continuously for the last 36 years.

Prof. Mehta serves or has served on the editorial board of several major cardiology, physiology and pharmacology journals, including Circulation, Hypertension, American Journal of Cardiology, European Heart Journal, Journal of the American College of Cardiology, and the World Journal of Cardiology.

He has published over 1300 papers, abstracts and book chapters. He has published 7 books and has 11 patents.

His h-index as of August 15, 2019 as per Google scholar is 107, with 112601 citations and i10-index of 580, which places him among the top <0.01% of all clinicians and scientists world-wide.

He is a member of several prestigious academic societies, including the Association of American Physicians, American Society for Clinical Investigation and Association of University Cardiologists. Grateful patients have established a Mehta Chair in Cardiovascular Research at UAMS in his honor. Recently, Jay and Paulette Mehta Lectureship in Internal Medicine was established in their honor.

He has received major national and international awards. Some of them include- the Medal of Merit from the International Society for Heart Research, 2001, Fellowship of the International Academy of Cardiovascular Sciences in 2002, Albrecht Fleckenstein Memorial Award and the Life-time Achievements Award in Basic Science from the World Congress of Cardiology in 2003; Swan Award for the Opening lecture "The saga of angiogenesis" at the 16th World Congress of Cardiology, Vancouver, Canada in July 2011.

Recent major awards include the Pericle d'Oro International Prize from the Magna Graecia University, Catanzaro, Italy in May 2014; the UAMS Dean's Distinguished Faculty Scholar Award in October 2015, Albert Nelson Marquis Lifetime Achievement Award in 2018. In July 2018, he was named Distinguished Professor by the University of Arkansas for Medical Sciences, and Distinguished Professor by the Anhui University, China in October 2018. In September 2019, he was awarded Lifetime Achievement Award by the International Academy of Cardiovascular Sciences in Serbia.

In December 2015, he was invited to the Nobel award ceremonies in Stockholm, Sweden as a special guest.

He is listed in Marquis Who's Who in America, Who's Who in the World, Who's Who Medicine and Healthcare, and Leading Physicians of the World.

As a testament to his clinical skills, Prof. Mehta was named among the top 27 cardiologists in the United States by Forbes magazine. He has been frequently listed among the top doctors in the US, and the best doctors in Arkansas.

Prof. Mehta has lectured in over 35 countries. He is an honorary professor at the University of Rome, Rome, Italy, an adjunct Professor in the Clinton School of Public School in Little Rock, AR, and serves as a consultant to the University of Arkansas in Nanotechnology and Biomedical Engineering in Fayetteville, AR.

Many of his trainees occupy positions of prominence in many countries, including China, India, Italy and Japan.

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SELECTED LIST OF PUBLICATIONS

[1] Barillà F, Bassareo PP, Calcaterra G, Romeo F, Mehta JL. Focus on clinical practice: Angiotensin-converting enzyme 2 and corona virus disease 2019: Pathophysiology and clinical implications. J Cardiovasc Med 2020; 21(9): 630-633.
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[3] Kattoor AJ, Goel A, Mehta JL. LOX-1: Regulation, signaling and its role in atherosclerosis. Antioxidants (Basel) 2019; 8(7):218.
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[5] Ding Z, Pothineni NVK, Goel A, Lüscher TF, Mehta JL. PCSK9 and inflammation: Role of shear stress, pro-inflammatory cytokines, and LOX-1. Cardiovasc Res 2020; 116(5): 908-15.
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[6] Shoar S, Hosseini F, Naderan M, Mehta JL. Meta-analysis of cardiovascular events and related biomarkers comparing survivors *vs.* non-survivors in patients with COVID-19. Am J Cardiol 2020; S0002-9149(20)30902-4.
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[7] Mathur P, Srivastava S, Xu X, Mehta JL. Artificial intelligence, machine learning, and cardiovascular disease. Clin Med Insights Cardiol 2020; 14: 1179546820927404.
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