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# Editor

**Kambiz Vafai** received his BSc (highest honors) in mechanical engineering from the University of Minnesota and MSc and PhD in mechanical engineering from the University of California, Berkeley. He is a prolific author who is honored by his peers worldwide. He is distinguished professor of mechanical engineering at the University of California, Riverside, California, where he previously held the presidential chair. Before joining the University of California, Dr. Vafai was a full professor at The Ohio State University, where he received outstanding research awards in the assistant, associate, and full professor categories. He is fellow of several societies. Prof. Vafai is the recipient of the American Society of Mechanical Engineers (ASME) Classic Paper Award and the ASME Memorial Award. He was given the International Society of Porous Media (InterPore) Highest Award. He is also the recipient of the 75th Anniversary Medal of the ASME Heat Transfer Division. He holds 12 U.S. patents associated with electronic cooling and thermal and fluid flow applications. He is one of the highest cited authors in his fields of research according to ISI Highly Cited and Google Scholar metrics. His research interests are porous media, multiphase transport, aircraft brake design, micro cantilever biosensors, biofilms, electronics cooling, macromolecule transport in arteries, cooling enhancement, modeling of tissue and organs, natural convection in complex configurations, insulations, high heat flux design, free surface flows, flat-shaped heat pipes, power electronics, and thermal design and modeling and optimization in general.