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**DDRI to Present Two *Lifetime Achievement*  
in *Diabetes Research Awards***

*--Diabetes Association of Greater Cleveland to Bestow Honors October 16--*

CLEVELAND -- The Diabetes Association of Greater Cleveland's Dietrich Diabetes Research Institute (DDRI) will present the 2008 Lifetime Achievement in Diabetes Research Award to two Cleveland-area scientists renowned for their research in the area of diabetes. Satish C. Kalhan, M.D. of the Cleveland Clinic's Department of Gastroenterology and Hepatology and the Lerner Research Institute's Department of Pathobiology and Richard W. Hanson, Ph.D., Leonard & Jean Skeggs Professor of Biochemistry at Case Western Reserve University will be honored at the 3<sup>rd</sup> *Annual DDRI Chairman's Forum on Diabetes Research* Thursday, October 16 at 7:45 a.m. at The Club at Key Center.

The DDRI Lifetime Achievement in Diabetes Research Award recognizes select scientists, researchers or physicians who have significantly contributed toward improving the quality of life for those living with diabetes. "We are proud to honor Dr. Hanson and Dr. Kalhan this year," said Jacquie Dickinson, president and CEO of the Diabetes Association of Greater Cleveland (DAGC). "Through their dedication to diabetes research, both of these renowned investigators have changed the way this devastating disease is understood, and I am certain their work will continue to impact future scientific developments."

Known worldwide, Dr. Satish Kalhan focuses his research on whole body metabolism and its disturbances due to diabetes and related diseases. As a

neonatologist, Dr. Kalhan's specific interest has been on understanding and managing changes in metabolism in mothers as a result of diabetes in pregnancy

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as well as the consequences to the fetus and newborn infant. He helped develop nutritional intervention strategies for the care of premature infants.

Dr. Kalhan became interested in the clinical problem of hypoglycemia (low blood sugar) in the infants of diabetic mothers soon after his arrival in Cleveland from the United Kingdom in 1970. To examine low blood glucose in these babies, Dr. Kalhan, in collaboration with Sam Savin, Ph.D. of the Case Western Reserve University Department of Geology, developed the analytical methods to use safe, non-radioactive, stable isotopic tracers of glucose—the first time that such a technology was developed and used in perinatal medicine. Due to the safety of their approach, these complex techniques could be employed not only in the smallest of prematurely born babies but also in adults and pregnant women. Dr. Kalhan has served on several local and national advisory committees and has received numerous awards and honors. He also has published more than 200 original articles, book chapters and reviews.

For more than 30 years, Dr. Hanson has pioneered the use of molecular biology for the study of metabolic processes and the development of animal models to better understand the control of metabolism. He co-discovered the glyceroneogenic pathway and continues to investigate this cycle's role in the development of diabetes. His most recent work at the interface between molecular genetics and metabolic regulation led to the development of the "super mouse" to study the impact of gene modification on metabolism. He has published work in more than 240 scientific journals and edited several books in the area of metabolic regulation.

In recognition of the discovery of glyceroneogenesis, Dr. Hanson received the Mead Johnson Award and the Osborne Mendel Award from the American Institute of Nutrition. He was elected to the Institute of Medicine of the National Academy of Sciences in 1987. Dr. Hanson won the Havorka Prize from Case Western Reserve University in 2001 for "exceptional achievements in teaching, research and scholarly service that benefits the community, the nation and the world"—the

highest honor bestowed on faculty by the University. In 1966, 1997, 1998, and 2001, he was honored as a “Million Dollar Professor” by the School of Medicine in

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recognition of the numerous grants awarded to him by the National Institutes of Health

Established in 2003, the Dietrich Diabetes Research Institute (DDRI) is the research arm of the Diabetes Association of Greater Cleveland (DAGC). DDRI serves to facilitate research collaboration in northeast Ohio and as a clearinghouse for research information, an advocate for diabetes research, and a funding agency – all with the ultimate goal of enhancing the quality of care for those with diabetes. For more information about DDRI, visit [www.ddri.org](http://www.ddri.org).

DAGC is the only local and independent nonprofit organization dedicated to helping children and adults with diabetes in northeast Ohio and the professionals who care for them. For more information about DAGC, visit [www.dagc.org](http://www.dagc.org).

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