

Prof. Raffaele Napoli

Associate Professor of Internal Medicine



PERSONAL INFORMATION

Place and date of birth: Fisciano (SA), October 24th, 1959

Nationality: Italian

Professional Address: Via S. Pansini, 5 – Napoli - Italy

Phone: +390817463736

E-mail: napoli@unina.it

Biosketch

Raffaele Napoli got his degree in Medicine and Surgery at the Federico II University School of Medicine in Naples during the academic year 1984-85. In 1991, he completed the residency in Internal Medicine in the same University. In March 1990, after a public competitive exam, he started his work as Research Associate in the Institute of Internal Medicine and Cardiovascular Diseases of the Federico II University School of Medicine and as Physician in the Division of Internal Medicine of the University Hospital.

Since the medical school and during the residency, Raffaele Napoli has actively worked in clinical research applied to the study of metabolism *in vivo*, in healthy and diabetic humans, using advanced model and techniques, such as the forearm perfusion technique, with intra-arterial infusion of test substances and the modulation of levels of hormones and substrates after cannulation of brachial artery and vein, or euglycemic, or hyperglycemic, hyperinsulinemic clamps, etc. To fulfill his education in advanced experimental clinical research by learning and acquiring the ability to perform high quality research on intracellular signaling in animal models, he applied for the American Diabetes Association Mentor-based Postdoctoral Fellowship promoted by prof. Edward S. Horton through the journals *Nature* and *Science*, and, in May 1992, he was accepted at the Metabolism Section of the Department of Medicine of the University of Vermont, in Burlington, VT, USA, where he moved in November 1992. In September 1993 Raffaele Napoli moved to the Harvard Medical School in Boston (MA) to work as Post-doctoral Research Fellow in the Metabolism Section of the Joslin Diabetes Center and Post-doctoral Research Fellow in Medicine at the Department of Internal Medicine of the Brigham and Women's Hospital, Harvard Medical School, Boston, MA, USA. To complete his training and education in the USA, in 1994 and 1995 he applied and won for two years in a row the Mary K. Iacocca Fellowship of the Joslin Diabetes Center. Back in Italy for one year in 1996, Raffaele Napoli returned to the Joslin Diabetes Center for an additional year, supported by the Senior Mary K. Iacocca Fellowship. In 1998 he returned for good in Italy. During the time in the USA, Raffaele Napoli worked in multiple animal models with the purpose to clarify the mechanisms of glucose transport, glucose transporter translocation, and insulin signaling in skeletal muscle and in the heart, in physiology and in diabetes. Once in Naples, Raffaele Napoli established his own laboratory of clinical research at the Institute of Internal Medicine and Cardiovascular diseases of the Federico II University School of Medicine.

In 2001 Raffaele Napoli became Assistant Professor and in 2011 Associate Professor of Internal Medicine at the Federico II University School of Medicine. From 1999 to 2016 he worked in clinical research and studied vascular reactivity in humans. In particular, he studied the effects of hormonal perturbation *in vivo* on the vascular health. Since 2016, Raffaele Napoli has started an intense activity of clinical trials as *Principal investigator and National Coordinator* of National or International clinical trials.

Raffaele Napoli has published numerous studies on the major international journals in the field of metabolic and cardiovascular diseases; he received several awards, and he is member of the major scientific societies of his area of cultural interest. Raffaele Napoli has been President of the Campania Section of the Società italiana di Diabetologia from 2016 to 2018 and nowadays serves as a member of the national board of the same society. Currently, Raffaele Napoli is the Chair of the Editorial Committee of the Società Italiana di Diabetologia. Raffaele Napoli is Associate Editor of the journal *Nutrition Metabolism and Cardiovascular Diseases* and member of the Editorial boards of the *International Journal of Molecular Sciences*, *Nutrients* and *Journal Club* of the Società italiana di Diabetologia. He is considered an excellent speaker and invited to give more than 25 speeches in scientific meetings each year. In addition, he has active collaborations with several private companies and involved in research discussion and Advisory Boards, in Italy and abroad.

Raffaele Napoli is heavily involved in the educational activity of the Federico II University and teaches in several courses, residency and PhD programs.

From the clinical point of view, since his return from the USA, Raffaele Napoli has worked as internist and diabetologist in the University Hospital. From 2013 to 2018, he has been Responsible of the unit (UOS) of Diabetology and Metabolic Diseases. Since 2018, he serves as Director of the Departmental Unit of Precision Internal Medicine.

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