Graduated in Medicine in Santos, Brazil 1992 and earned the specialization degree in Clinical Pathology after medical residency training at the Clinical Hospital of the University of Sao Paulo Medical School (HC FMUSP (1993-1995). From 1996 to 2001 worked as a post-doctoral fellow at The Scripps Research Institute (CA-USA). In 2001 returned to Brazil where he worked as a research fellow to receive his PhD degree in 2006.

As of 2006 he holds a part time position as assistant physician in the Central Laboratory Division "Hospital das Clinicas" U. of São Paulo - Medical School (HC-FMUSP).

Dr. Alcantara has always also worked part time in the private clinical laboratory sector and in 2008, he became director and then in 2012 the CEO of IACS Clinical Laboratory (www.iacs.com.br) driving it through a profitable growing spur and managing a team of over 400 employees to deliver world class clinical laboratory services. In 2021, IACS merged to Pardini Laboratories which later in 2022 merged with Fleury Group to create the largest clinical laboratory group in Brazil. Dr. Alcantara is now IACS medical director, a joint venture company with Fleury Group.

Dr. Alcantara has accumulated experience in Clinical Pathology and is a frequently invited speaker at the SBPC ML - Brazilian Society of Clinical Pathology Lab Medicine meetings where he is currently a delegate member. He also has abilities and in management and administration and acquainted with key stakeholders in the laboratory market.

In 2010 he started a term as a delegate at the IFCC-WASPaLM Task Force on Chronic Kidney Diseases (IFCC – International Federation for Clinical Chemistry Laboratory Medicine - World Association of the Societies of Pathology Laboratory Medicine). In 2016 he became the chair of this IFCC Task Force that latter was converted to Committee on Kidney Diseases where Dr. Alcantara has served as the chairperson for the 2016-2018 and 2019-2021 terms. In 2023 he was appointed WASPaLM Director for Latin America.