Prof. Rainy Umbas is a staff member at Department of Urology, "Cipto Mangunkusumo" Hospital/Faculty of Medicine, University of Indonesia.

Between 1990 and 1993 he was a clinical and research fellow at the Department of Urology and Urology Research Laboratory, Catholic University of Nijmegen, Nijmegen, the Netherlands. He obtained his PhD degree with dissertation entitled "E-cadherin and alpha-catenin expression of prostate and bladder cancer". Promotor: Prof. F.M.J. Debruyne, MD, PhD; co-promotor: Prof. J.A. Schalken, PhD. Currently he is Chairman of the Board of Professor, Faculty of Medicine, University of Indonesia.

He served as consulting editor for British Journal of Urology International, Prostate International, Korean Journal of Urology, and several Indonesian medical journals. Had been a principal country investigator for several phase 2 and phase 3 multinational clinical studies on new drugs for urological cancer. He also served as NCCN Asia Consensus Panel member for Prostate, Kidney, and Bladder Cancer. Has authored/co-authored over 90 peer-reviewed articles, mainly on urology-oncology.

He was the President of the Indonesian Urological Association (2000-2003) and was the President of Urological Association of Asia (UAA) from 2006-2008. After serving as Director of Asian School of Urology (ASU) of the UAA between 2010-2014, he becomes Honorary Consultant for ASU. He is an Honorary Member of European Association of Urology and Chinese Urological Association.