

« BRIEF C. V. »

Professor Dr. Bahaa T. Shawky, Microbial Chemistry Department, Genetic Engineering and Biotechnology Research Division, National Research Center, Cairo, Egypt. Prof. Shawky, specialization field is Fermentation technology and Industrial Microbiology. He acted as principal investigator of several research projects such as: { (a) Fuel ethanol from lignocellulosic wastes “Biofuel”. (b) Microbial biomass protein from agroindustrial wastes “Bioprotein”. (c) Microbial Polysaccharides and Poly- β -Hydroxybutyrate “Biopolymers”. (d) Production of biofertilizers (e) Enzymes produced from microbial sources “Cellulase and Hemicellulase”. (f) Production of unconventional animal rations by microbial decomposition of agricultural wastes. }. Prof. Shawky participated in several international conferences, symposia, and workshops held in Egypt, India, Yugoslavia, Spain, Germany, USA. He supervised 25 graduates for M. Sc. and Ph. D. degrees. Author of 75 papers published in specialized international journals. He has a wide range of consultations and advisory activities. The holder of a patent registered at ASRT [No. 24705 / 2009] « Method and multipurpose apparatus for lignocellulosic materials pretreatment, to enhance subsequent enzymatic hydrolysis for producing fermentable sugars and ethanol ». Member of several scientific societies, committees, and syndicate, namely: The Egyptian Society Of Applied Microbiology, The Egyptian Society Of Biochemistry and Molecular Biology, American Association For The Advancement Of Science (AAAS). He granted postdoctoral fellowship to: (a) Martin-Luther-Universität, Lehrstuhl für Bodenkunde Und Mikrobiologie, (b) Institute für Polymerenchemie der Akademie der Wissenschaften, and (c) Humboldt-Universität, Germany [1982]. Prof. Shawky worked as visiting Fulbright researcher and professor at the Department of Chemical Engineering, Engineering Biosciences Research Center, Texas A&M University USA [1992/1993].