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Associate Professor in Biochemistry and Molecular Biology at the LMBEE-CBS

Dr. Bassem Jaouadi obtained his Baccalaureate in Experimental Sciences in 1998 at the Secondary School of Maknassy. He received the Bachelor's degree in Biological Sciences, the Master's degree in Molecular and Cell Biology, and the Ph.D degree in Biological Sciences from the Faculty of Sciences of Sfax, Sfax University, Tunisia, in 2002, 2004, and 2009, respectively. His Ph.D research was done in the Centre of Biotechnology of Sfax, under the supervision of Pr. Samir Bejar & Pr. Semia Ellouz-Chaabouni. The title of his Ph.D degree is "A novel glycosylated alkaline protease from *Bacillus pumilus* CBS: biochemical, molecular, and structural studies, and industrial applications in detergence and tannery" which was awarded by the Best Thesis Prize by the Faculty of Sciences of Sfax University of Sfax in 2009. In 2010 Dr. Jaouadi integrated the Centre of Biotechnology of Sfax as Assistant Professor where he continued his research in the field of the novel microbial enzymes for industrial applications. Since, he was a principal investigator of some bilateral and national projects and convention, where he strongly promoted the biotechnology in Tunisia. He has undertaken many works concerning the performing of biotechnology process. He also developed many works relative to the screening, biochemical, molecular, and structural studies as well as scale-up tests of some industrial enzymes. In 2014 he get the University Habilitation degree (HU) in Bioengineering entitled "bacterial proteases and peroxidases for Biotechnology interests" at the National Engineering School of Sfax, University of Sfax, Tunisia. Since 2015 up to now he is Associate Professor at the Centre of Biotechnology of Sfax, University of Sfax, Tunisia. Dr. Jaouadi has many training international courses in France, Italy, Algeria, and Turkey. He has also participated in some Meetings and Courses of ICGEB, theoretical and practical courses "Molecular modeling and structure-function relationships studies of enzymes of biotechnological interest" and "Bioinformatics and analysis of genomic data" in Sfax-Tunisia and "Bioinformatics: Computer Methods in Molecular and Systems Biology" in Trieste-Italy. He guided nearly 20 graduate and post-graduate students to accomplish their project, master or thesis work on industrial microbial enzymes. Under his supervision, one student received the Ph.D. degree and currently three more students are working for their Ph.D. He succeeded to have several collaborations with some national and international Biotech companies. He was also a leader several national and international projects mainly National Program for Technological Innovation (PNRI) and bilateral projects (France and Algeria). Dr. Jaouadi has been invited for many conferences in Tunisia, France, Algeria, and Turkey. He is a member of the scientific and organizing committee of the Maghrebian-Finnish Biotechnology Symposium 2016, the JIB 2010-2016 of the Tunisian Association of Biotechnology, the 3rd, 4th and 5th International Workshop on Industrial Biotechnology, the III International Leather Engineering Congress: Innovative Aspects for Leather Industry (IAFLI), and actively participated on the organization of many scientific national and international meetings and seminars in Biotechnology. Dr. Jaouadi's original findings were presented in international scientific meetings and have been published in top biotechnological journals with international circulation including *Bioresource Technology*, *Biochimie*, *Journal of Biotechnology*, *PLoS One*, *International Journal of Biological Macromolecules*, and *Biotechnology and Bioprocess Engineering*, and presented in international scientific meetings. He has more than 50 publications in periodic journals, 15 national patents and three invited book chapters. According of the ISI Web of Knowledge database, Jaouadi has more than 481 citations in scientific publications and his Hirsch index is 13.