

To whom it may concern

Reference: PD Dr. Stephan Pflugmacher

With a great pleasure I am writing to strongly support PD Dr Stephan Pflugmacher on his further career.

Dr. Stephan Pflugmacher established the working group “Biochemical Regulation” at the Leibniz Institute of Freshwater Ecology and Inland Fisheries (IGB) since his start in May 1996.

Dr. Stephan Pflugmacher is a capable and highly motivated initiative scientist demonstrating his ability to work effectively and independently at all stages of his investigations. At the IGB, he introduced the methodology to determine biotransformation processes in aquatic plants and animals, detection and identification of metabolites and moved on to the physiological consequences for the organisms, e.g. in case of oxidative stress, influence on photosynthesis, energy charge of embryo development of fish ad amphibian. Ongoing investigations will include the molecular biological background to elucidate signal processing in organisms and environmental signalling in ecosystems.

From the point of the company I am representing, Dr. Pflugmacher is from enormous help in the development of the PlantVital® 5000 device for measurement plant vitality via photosynthetic oxygen production. Many of his suggestions were implemented in the new series of PlantVital family.

Since his start as a PostDoc Dr. Stephan Pflugmacher supervised several PhD students and diploma work. He introduced Ecotoxicology as a teaching field at the Humboldt University of Berlin where he gave his Habilitation work in 2001.

Dr. Stephan Pflugmacher authored excellent publications in major peer-reviewed international journals and has presented his results at numerous scientific meetings, held at both, national and international levels, including key lectures. Part of his results lead to a patent pending, co working with the National Research Center for Environmental Health,

His international cooperations to knowledgeable scientists in his research fields reflect his successful progress. Also the industry cooperation with the INNO-Concept GmbH on an applied basis showed his ability to make this knowledge transfers.

Dr. Stephan Pflugmacher is an individual of the highest level of personal and professional integrity accompanied by positive attitude and diplomatic competence.

For pursuing his career I wish him every success and will strongly support him.

Prof. Dr. rer. nat. habil. Edgar Klose
Geschäftsführer