

Manuel Aureliano

Subjects: Biochemistry & Molecular Biology

Contributor: Manuel Aureliano

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Basic Information

 Manuel Aureliano

Name: Manuel Aureliano
(Jan 1060–)

Birth Porto, PORTUGAL

Location:

Title: Unknown

Affiliation: Unknown

Honor: Unknown

1. Introduction

Manuel Aureliano, is an Associate Professor of Biochemistry (With Aggregation) at the Faculty of Sciences and Technology, University of Algarve (UAlg), Portugal. Besides Biochemistry, he teaches Inorganic Biochemistry and topics within Muscle Contraction and Metals in Biology. At UAlg, he served as director and/or vice-director of the Biochemistry degree (1997-2013; 2021-2023). He is regularly a peer reviewer (over 700 papers) for numerous scientific journals (more than 100 journals) and has served on the Editorial Boards of several Journals. Supervisor and/or co-supervisor of many pos-doc, PhD, MSc and undergraduate students (over 100). Author and/or co-author of about 110 peer-reviewed journal articles, reviews and book chapters. M. Aureliano @“World Ranking of Top 2% Scientists”: Career and year (2020; 2021). IDs: <https://orcid.org/0000-0003-4858-3201>; <https://www.cientiavita.pt/AA14-3490-DC5E>.

Manuel Aureliano obtained his Biochemistry degree at the Coimbra University, Coimbra, Portugal, being Professor Carlos Geraldês his supervisor of the final research thesis whereas Professor Euclides Pires the mentor of his M.S. degree and Professor Vitor Madeira, at FCTUC, the supervisor of his Ph.D. degree. The Ph.D. work was also done under Professor Leopoldo de Meis supervision, Faculty of Medicine, Federal University of Rio de Janeiro (UFRJ), Rio de Janeiro, RJ, Brazil. He worked as a Monitor at the University of Coimbra, and he obtained the Biochemistry degree in 1986, the MSc degree in Cell Biology in 1991 and a PhD in Bioenergetics in 1996. Since 1997, he has been working as an Assistant Professor at Algarve University. Actually, is Associate Professor of Biochemistry (With Aggregation in Inorganic Biochemistry) and he was Director of Biochemistry degree at the University of Algarve, Portugal for more than one decade, from 1998 to 2013 and 2021-2023.

2. Achievements

Teaching: At the University of Algarve, he is responsible for the teaching of the disciplines of Biochemistry, Cell Biology, Advanced topics in Cell biology, Inorganic Biochemistry and Advanced Biochemistry (MSc).

Research interests: He specializes in the biological effects of decavanadate, especially in the regulation and mechanism of muscle contraction. Main research topics : i) The role of decavanadate in biochemistry and biology; ii) Metals toxicology ; iii) muscle contraction and stress. Actually, in the Algarve Centre for Marine Sciences (CCMar) is research concentrates in the understanding the decavanadate and others POMs interactions with proteins as well as the processes for decavanadate/POMs cellular toxicity.

Societies: Member of the Direction of the Portuguese Society of Biochemistry (SPB), also belongs to the Portuguese Bioinorganic Group (BIOIN Portugal) and to SBIC.

Editorial activities: Editor of the book "Vanadium Biochemistry", Research SignPost, 2007, Kerala, India. He is regularly a peer-reviewer for numerous scientific journals and has served in the editorial boards of some journals. For these activities in the field of Biochemistry, Genetics and Molecular Biology he received in 2016 an award from Publons (The TOP 10% reviewers), being in 2017 at the TOP 1% most prolific reviewers in the field of Chemistry and also in the field of Chemical Engineering.

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