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余增亮

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【小 中 大】

【关闭】



Zengliang Yu (Z.L. Yu, Yu Zengliang), Male, born in 1944. He received the B. S. degree from radio department of Hefei Industrial University, China, in 1968. From 1968 to 1975, he worked on microwave devices for the Institute of Electronics, Chinese Academy of Sciences, Beijing. Since 1976, he has been with the Institute of Plasma Physics, Chinese Academy of Sciences, Hefei, to research on neutral particle beam injection. From 1980 to 1982, he was with the Technology Division for heating plasma with neutral particle beams in the Max Plank Institute of Plasma Physics, Germany. In 1986, he discovered the bioeffect induced in rice by ion implantation, and proposed that a combination of energy absorption, mass deposition, and charge exchange of energetic ions in the organ resulted in bio-effects. Since then, the application of ion beams in the life sciences has opened new multidisciplinary areas of study in the field of life scienc-es. In 1991, he founded the Ion Beam Bioengineering Laboratory at the Institute of Plasma Physics, and has been its Director and Professor in biophysics. This Labor-atory has been become a key laboratory of Chinese Academy of Sciences and Anhui province.

Main interest is in multidiscipline of Physics and Biology, especially in the inter-action between low-energy ions and the organ, such as the role of low-energy ions in the origin and evolution of life and in the formation of the interplanetary molecu-les, and ion beam bioengineering. As a project head, Prof. Yu has taken on more than ten projects from state, including key and major grants from National Natural Science Foundation of China, "7.5" to "10.5" projects from key national scientific and technology plan, 863 plan, key grants from the Chinese Academy of Sciences, and industrial companies. Prof. Yu has wide academic cooperation with institutes and universities both home and abroad. Prof. Yu has trained more 100 students for Ph. D. and M. S., several of them have become famous young scientists and mana-gers. Currently, there are 20 students for Ph.D. and 10 students for M.S. by Prof. Yu. Students for the new areas of the multidiscipline of Physics and Biology are we-lcome.

Dr. Zengliang Yu, P.O. Box 1126, Anhui, Hefei 230031, P.R. China

Phone: +86-551-5592189, Fax: +86-551-5591310

E-mail: zlyu@ipp.ac.cn

个人介绍

余增亮, 男, 1944年出生。1967年毕业于合肥工业大学无线电系。1967-1975年在中国科学院北京电子学研究所从事微波器件研制。从1976年起, 在中国科学院等离子体物理所研究中性粒子束注入器, 1980-1982在德国马克斯普朗克等离子体物理所从事中性粒子束注入等离子体研究。1986年发现离子注入水稻生物效应, 提出低能离子能量沉积、质量沉积、电荷转移引起生物效应的假说。此后, 离子束在生物学中应用开辟了一个交叉学科新领域。1991年, 他在等离子体所建立了离子束生物工程学研究室, 并担任实验室主任和研究员, 该实验室被批准为中国科学院和安徽省重点实验室。

他主要研究方向是: 物理与生物交叉, 特别是研究低能离子与生物体相互作用, 例如: 低能离子在生命起源、进化以及在星际分子形成中的作用, 离子束生物工程学等。他主持十多项国家级项目, 包括国家“七五”到“十五”科技攻关项目及基金重点、重大项目和863项目等。他与国内外学术界有广泛的联系。培养了一百多名博士和硕士, 他们当中许多人已成为有名的青年科学家和管理者。欢迎对物理生物交叉有兴趣的学生报考。

余增亮研究员 合肥1126号信箱, 230031, 中国

电话: 86-551-5592189 电传: 86-551-5591310

E-mail: zlyu@ipp.ac.cn

