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Letter from Editor



Dear friends,

This year, the year of fire rat, will mark the 4th year of TBI in publication.

During the last three years, TBI has assembled a strong editorial teams and has built up a broad base of contributors who are truly the leaders in their fields. We also successfully established partnership with several leading pharmaceutical Journals in China that had opened a window for our readers into the fast growing market and introduced our authors to their counterparts in China.

Starting from this issue, TBI will formally become a joint publication of several leading Chinese American professional associations in the fields of pharmaceutical, biotechnology and healthcare, including CBA (headquartered at DC), SABPA (headquartered at San Diego), CABA (headquartered at Boston) and CABS (headquartered at San Francisco). In addition, BayHelix, an international organization for Chinese business and legal professionals will also be part of the team. This is a significant milestone in the short history of TBI. The broad resource and expertise among this great community in different regions and continents will enhance the quality and coverage of TBI and make it a truly nationwide connection spot for tens of thousands of our members.

According to National Science Board 2008 report, about 2.2 million foreign-born scientists and engineers are now working in US. Among them a quarter of million are from China. Chinese scientists and engineers also amount 22% of all with doctoral degrees. This is an impressive presence of highly educated Chinese American S&E professionals in this continent. There are Noble prize laureates, international renowned professors and scientists, inventors and entrepreneurs in this community. As a result of the strong presence, we have been witnessing, in the recent years, the cutting-edge research, discovery and development that are lead by our fellow Chinese scientists. The session on Stem Cell Research featured in this issue is a vivid proof of that.

During the rest of year, TBI will work with all of you to continue reporting on the latest discovery and development in the biopharmaceutical fields. We encourage you to contact us and let us know your thoughts and suggestions.

2008 will a great year for all of us. Stay tuned!

Jian-Xin Wang, PhD
Editor-in-Chief

BIOPHARMA NEWS DIGEST

2007 国家科学技术奖于2008年一月八号在北京举行. 2007年度国家自然科学奖二等奖授奖项目39项; 国家技术发明奖授奖项目51项, 其中一等奖1项、二等奖50项; 国家科学技术进步奖授奖项目255项, 其中特等奖1项、一等奖19项、二等奖235项; 授予4名外籍科学家和4个外国组织中华人民共和国国际科学技术合作奖。



国家自然科学奖是国家科学技术激昂的一部分. 它授予在基础研究和应用基础研究中阐明自然现象、特征和规律, 做出重大科学发现的公民。所谓“重大科学发现”是指(一)前人尚未发现或者尚未阐明,(二)具有重大科学价值,(三)得到国内外自然科学界公认的科学发明. 国家自然科学奖的候选人应当是相关科学技术论著的主要作者, 并具备下列条件之一:(一)提出总体学术思想、研究方案;(二)发现重要科学现象、特性和规律, 并阐明科学理论和学说;(三)提出研究方法和手段, 解决关键性学术疑难问题或者实验技术难点, 以及对重要基础数据的系统收集和综合分析等. 在科学上取得突破性进展者, 可以评为一等奖. 在科学上取得重要进展者, 可以评为二等奖. 对于原始性创新特别突出、具有特别重大科学价值、在国内外自然科学界有重大影响的特别重大的科学发现, 可以评为特等奖. 国家自然科学奖一等奖、二等奖单项授奖人数一般不超过5人。

在2007 国家自然科学奖获奖名单中有五位是生命科学家. 他们的得奖项目是:

1. G蛋白偶联受体信号与其它细胞信号通路间的对话机制
裴钢, 马兰, 高华, 程智洁, 荆清, 上海生科院
2. 重要药理作用的靶标动力学行为与功能关系研究及其药物设计
蒋华良, 沈建华, 沈旭, 罗小民, 柳红, 中国科学院上海药物研究所
3. 恶性肿瘤细胞抗原提呈和生物调变机理研究
郭亚军, 第二军医大学肿瘤研究所、上海市抗体工程中心
4. 新的snoRNA结构与功能研究
屈良鹤, 周惠, 陈月琴 广东省
5. Y染色体多态性与东亚人群的起源、迁徙和遗传结构的研究
金力, 宿兵, 卢大儒, 褚嘉, 黄薇 上海市