

## **PerkinElmer Named to 2017 “Golden Bee CSR China Honor Roll”**

The 13<sup>th</sup> annual China CSR International Forum was held earlier this month in Beijing, where the 2017 winners of the “Golden Bee CSR China Honor Roll” were unveiled. PerkinElmer’s China Diagnostics business was named to the “Honor Roll” and presented with the “Golden Bee Growth Enterprises” award for its contributions to help improve maternal and newborn health and better predict the risk of birth defects in China.



*Ye Zhao (second from right) represents PerkinElmer Healthcare Diagnostics (Shanghai) Co., Ltd., as she receives the Golden Bee Growth Enterprises Award alongside representatives from the other winning companies.*

This was the 11<sup>th</sup> year of the award which honors companies throughout China that adhere to sustainable and responsible business practices, while setting an example for other organizations and continuing to promote CSR work in the country. After six months of reviewing questionnaires and other relevant materials, the expert committee selected 58 companies that stood out as excellent examples of organizations that fulfill their CSR objectives.

***Below is a translated excerpt from the organization’s announcement which highlights PerkinElmer’s CSR work in China:***

China remains focused on safeguarding maternal and newborn health in its national policy. These focus areas were also considered key parts of the *Outline of the Plan for “A Healthy China 2030”* and the Outline of the 13<sup>th</sup> Five-year Plan. The 2018 Report on the Work of the Government also explicitly proposed the requirements for improvement of maternal and child care services. This past May, the National Health Commission of the PRC also released the *Action Plan on Maternity & Infant Safety (2018-2020)* and *Action Plan on Healthy Children*

(2018-2020), proposing that China should, by 2020, decrease the national mortality of pregnant/parturient women to 18/100,000, make the infant mortality rate drop to 7.5% and child mortality to below 9.5%, along with safeguarding maternal and newborn safety and children's health.

As part of PerkinElmer's accepting its "Golden Bee Growth Enterprises" award, Ye Zhao, PR Leader, Diagnostics, Greater China shared an overview of the Company's CSR efforts in China. Believing in "business for good," PerkinElmer entered the Chinese market 40 years ago, and throughout the last four decades, has made a tremendous difference in the areas of sustainable development, specifically through R&D, production flow, products, collaborations and partnerships, business models, charitable contributions and endeavors. Furthermore, its contributions to China's efforts surrounding maternal and newborn safety and children's health through comprehensive prenatal screening and neonatal disease screening, clinician training, and other activities in China only amplify that impact.

### **Promoting comprehensive prenatal screening and neonatal disease screening in China**

Since the 1990s, PerkinElmer has solidified its presence in the development of China's maternal and newborn health sectors. In the field of neonatal screening, WALLAC, a subsidiary of PerkinElmer in Finland, conducted the "China-Finland Neonatal Screening Cooperation Project" in collaboration with the Ministry of Health of the PRC. The project consisted of two stages. From 1996 to 1999, the first stage aimed to provide the laboratory equipment needed for the neonatal disease screening center and to conduct technical training, while establishing the neonatal disease screening network in five provinces and cities, to increase birth rates. From 2006 to 2010, the second stage of the project sought to increase the neonatal disease screening rate by at least 30%, based on the level from 2006, in seven provinces or autonomous regions. By 2010, the neonatal disease screening rate of delivery in hospitals reached over 50%. The positive cases identified through screening could then be treated in a timely manner.

In the fields of prenatal screening and diagnosis, PerkinElmer collaborated with the Department of Maternal and Child Health Services and the Prenatal Diagnosis Expert Group of the Ministry of Health on key projects for the 10<sup>th</sup>, 11<sup>th</sup> and 12<sup>th</sup> Five-year Plans, helping establish the Chinese population screening data for the first and second trimesters. PerkinElmer also took on the task of clinical transformation of antenatal screening products for dried blood spot for the Ministry of Health. In this project, PerkinElmer cumulatively rendered antenatal screening services to over six million pregnant women in remote areas, which further expanded the coverage of antenatal screening. Additionally, PerkinElmer practiced the screening of early prevention and treatment, and conducted the preliminary screening of preeclampsia and gestational diabetes mellitus.

To enhance the awareness of maternal and newborn safety and the healthy development of children in China, PerkinElmer not only continues to develop innovative solutions and

services, but also provides deep market knowledge and scientific expertise to help solve some of these critical issues impacting the future of global health.

### **Standardized training of neonatal screening for inherited metabolic disorders**

From 2014 to 2016, the Maternal and Infant Health Service Division of the National Health and Family Planning Commission of China (NHFPC) and the National Office for Maternal and Children Health Surveillance/National Center for Birth Defects Monitoring of China jointly implemented the “Standardized Training Project of Neonatal Disease Screening”. Through its exclusive sponsorship of the standardized training of neonatal screening of inherited metabolic disorders, PerkinElmer assisted the Maternal and Infant Health Service Division of NHFPC in conducting the faculty training project for neonatal screening in rural areas for three years.

Through the project, more than 3,000 clinicians and laboratory technicians in 600 villages and counties received the training, which not only helped standardize the collection, clinical diagnosis and therapy of neonatal screening, but also provided the necessary field examination and project management. Additionally, the adoption and access of Chinese neonatal screening results have improved significantly. As of the end of 2016, the training had been expanded to all blood sampling units and screening centers in 31 provinces and cities nationwide. In addition to blood sampling specifications, laboratory screening, and clinical diagnosis and treatment, the services involve all aspects of patient management and recall in later periods. Data showed that China’s neonatal screening coverage increased from over 30% in the beginning to over 95% in 2016, which is unprecedented.

### **Training for clinical genetics and genetic counseling**

To help doctors enhance their prenatal diagnostics capabilities, PerkinElmer actively conducted in-depth scientific research with hospital experts in relevant areas in China, and established international training platforms for genetic counseling.. This was conducted by PerkinElmer in partnership with Baylor College of Medicine, the Chinese University of Hong Kong, Peking Union Medical College Hospital and other institutions. Every year, PerkinElmer will provide the international, systematic and clinical training on genetic counseling for nearly 300 clinicians and works in related fields through this project.

### **Public charity projects**

To raise awareness around maternal and newborn health, PerkinElmer also makes an impact through local activities and collaborations. For example, the Company jointly sponsored the PerkinElmer Maternal Fetal Health Initiative with the Fetal Medicine Department of Shanghai First Maternity and Infant Hospital. The initiative aims to help poverty-stricken pregnant women who are at risk of severe acute maternal morbidity, gain high-quality medical services. To ensure the nonprofit nature of this project and transparency of donations, PerkinElmer promoted this as part of its 2017 global Impact Day activity. It also established a special fund through the Shanghai United Foundation, which resulted in over \$5,800 being raised by both employees and partners in just one month.

