

# Celebration

celebrating life together

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## Current Good Manufacturing Practice (cGMP)

Current Good Manufacturing Practice (cGMP) is the requirement for processing facility of regulated healthcare products; ensuring products compliance with safety, identity, strength, purity and quality. cGMP certification is the highest standard of FDA regulation.

We are proud to announce that our state-of-the-art laboratory is now certified to cGMP by NPCB (BPfK), a division of the Ministry of Health Malaysia, in accordance to PIC/S standards.

A certified cGMP facility means that the facility design and specification must meet all international standards for human cells and tissue processing. Among the strict requirements are certified personnel must be well-trained to handle samples and equipments must be timely validated.

As an industry leader, we always strive to exceed the requirements and standards set by the regulators. It is important for one to choose the right stem cell facility for peace of mind so one's precious stem cells are viable and free from contamination in long term cryopreservation.



优良制造标准认证(cGMP)是监管保健品设施，以确保产品的安全度，产品的本体，长处，纯洁度和品质已达到特定要求。优良制造标准认证(cGMP)文凭是美国食品药品监督管理局(FDA)规定的最高标准。

我们的实验室也因荣获由马来西亚卫生部门NPCB(BP-FK)依照国内药厂执行标准(PIC/S)所颁优良制造标准认证(cGMP)感到光荣。

优良制造标准认证(cGMP)不仅限于设施的审核，也强调生物技术人员的高技能和合格处理样品以确保维持优良制造标准。在这些严格要求认证中，所有设备及仪器需定时验证。

身为业界的领导者，我们超越了监管机构所设下的标准。选择正确的干细胞库极为重要，这将确保您干细胞的存活率及不受任何感染。



## Personal Data Protection Act 2010 (PDPA)

The Personal Data Protection Act 2010 (PDPA) is now in force. In compliance with PDPA, your personal information in our database will be safeguarded and will not be shared without your consent.

Access to your personal information is restricted to staff who are contractually required to process your personal information in accordance with their respective job requirements.

2010 年个人资料保护法(PDPA) 现正式生效。为符合个人资料保护法(PDPA)，您存档于本公司数据库中的个人资料将受到保护，未经您的同意绝不会对外透露。

您的个人资料将仅限于有关符合规定的工作人员在应对工作需要时方能处理。

## Words from MD

In the journey to make Malaysia a developed nation by 2020, healthcare sector is recognised as a wealth creator. The health industry is a powerful engine of economic growth. However, the government also recognises that there is no coordinated effort to grow healthcare revenues. Thus, in the Economic Transformation Programme, Healthcare NKEA is formulated to address the asymmetry of focus and identify private sector opportunities to reframe health as an economic commodity as well as a social right. Many of the projects identified under the NKEA are now underway and new ones are being proposed to help push the nation to achieve its 2020 target.

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We believe that cell therapy is an emerging service sector that has the potential to move Malaysia up the healthcare value chain and we are poised to assist in such a journey.

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We in CryoCord respond to this call by entering into this sector of the service industry by providing cord blood banking and processing of stem cells for treatment. To facilitate the provision of such services, we have upgraded our infrastructure in our new office and laboratory complex located at Cyberjaya. The modern and advanced facilities

enable us to provide a first rate service to, not only Malaysians, but also citizens of other parts of the World. It is our intention to compete locally as well as internationally; our products and services are available in Malaysia and for a start, the surrounding regions – exporting our products and our expertise.

Cytopeutics, our subsidiary, was established to promote clinical research, very much in line with the intention of the Government's effort to create a supportive ecosystem to grow clinical research in Malaysia. Drugs and devices are listed as the key instruments for investigation, but not cells. We hope this neglect could be corrected in the formulation of the 11th Malaysian Plan and cells to be included as another vital instrument for clinical research, especially for the ageing population in Malaysia and worldwide. We believe that cell therapy is an emerging service sector that has the potential to move Malaysia up the healthcare value chain and we are poised to assist in such a journey.

在驱使马来西亚于2020年成为发达国家的旅程里，意识到医疗行业为新的财富源流。保健行业是经济增长的强大动力。然而，政府也意识到，没有协调一致的推动方案来配合增加医疗收益。因此，在经济转型计划里（NKEA），集中焦点解决及避免不平衡的医疗保健发展，并重新构建私营化的商机，鉴定医疗保健为经济商品，亦是应有的社会权利。许多确定为国家重点经济区的项目现在正在进行和建议新方案，以帮助推动我国实现其2020年的目标。

凯儿库响应此呼吁并提供脐带血处理和干细胞储存以供治疗用途。为了方便提供该等服务，我们已经提升位于赛城的新办公楼和实验室等基础设施。现代化先进的设施使我们能够提供第一等级的服务，不仅对马来西亚人，也是世界其他区域的公民。我们打算巩固在本国和国际竞争力，给予我们的产品和服务可在马来西亚拥有好的起步点之外，也出口我们的产品和服务和我们的专业知识予周围区域。

Cytopeutics-我们的子公司，成立以促进临床研究，非常符合政府的意愿，创造一个支持性的生态系统，以在马来西亚推行临床研究的意向。药品和医疗器材配备被列为主要调查项目，但细胞并未列入。我们希望这种忽略能在第十一大马计划里将“细胞”列为临床研究的另一个重要元素的配方进行修正，尤其是马来西亚和世界各地的人口老化延续问题。我们认为，细胞疗法是具有推动马来西亚医疗价值链的潜力，我们正准备协助配合振兴这新兴的医疗服务行业。

Emeritus Professor  
Dr Cheong Soon Keng FASc  
Medical Director of CryoCord



## Scientist Grow Artificial Skin From Stem Cells Of Umbilical Cord

Scientists have developed a breakthrough technique to grow artificial skin - using stem cells taken from the umbilical cord. The new method means major burn patients could benefit from faster skin grafting, the researchers say, as the artificial skin can be stored and used when needed.

According to the World Health Organization (WHO), there were approximately 410,000 burn injuries in the US in 2008, of which around 40,000 required hospitalization.

Patients who have suffered severe burns may require skin grafts. At present, this involves the growth of artificial skin using healthy skin from the patients' own bodies. But the researchers note this process can take weeks.

"Creating this new type of skin using stem cells, which can be stored in tissue banks, means that it can be used instantly when injuries are caused, and which would bring the application of artificial skin forward many weeks," says study author Antonio Campos, professor of histology at the University of Granada in Spain.

To create the new technique, details of which are published in the journal *Stem Cells Translational Medicine*, the scientists used [Wharton's Jelly Mesenchymal Stem Cells from the human umbilical cord](#).

Previous research from the team had already led them to believe that stem cells from the umbilical cord could be turned into epithelial cells (tissue cells).

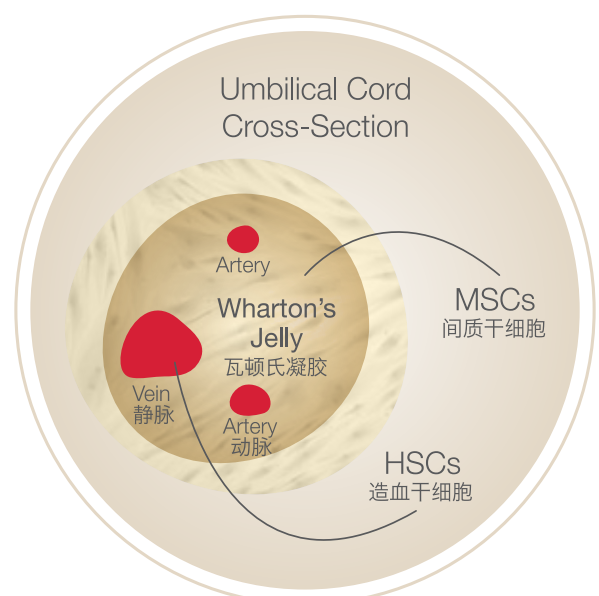
The investigators note that the stem cells are "excellent candidates" for tissue engineering due to their "proliferation

and differentiation capabilities," but that their potential to turn into epithelial cells had not been explored, until now.

### Umbilical cord 'novel cell source' for tissue engineering

The scientists combined the umbilical cord stem cells with a biomaterial made of fibrin - a protein found in the clotting of blood - and agarose - a polymer usually extracted from seaweed.

The researchers found that when tested in vivo, the combination of the Wharton's Jelly Mesenchymal Stem Cells and biomaterial led to the growth of artificial skin and oral mucosa - a mucous membrane lining the inside of the mouth.



Explaining their findings, the researchers say:

"Electron microscopy analysis confirmed the presence of epithelial cell-like layers and well-formed cell-cell junctions.

These results suggest that HWJSCs (Human Umbilical Cord Wharton's Jelly Stem Cells) have the potential to differentiate to oral mucosa and skin epithelial cells in vivo and could be an appropriate novel cell source for the development of human oral mucosa and skin in tissue engineering protocols."

Medical News Today recently reported on a study revealing that scientists have created "mini-kidneys" using human stem cells, while other research detailed the discovery of a gene that may be responsible for severe scarring of tissue.

科学家们已经开发使用从脐带萃取的干细胞，制造出一种突破性的技术生长-人造皮肤。这种更快的植皮手术是受益于大面积烧伤的患者。据研究人员说，人造皮肤可以被存储并且在需要时使用。

根据世界卫生组织（WHO）的估计，美国在2008年约有410,000人烧伤，其中更约40,000人需要住院治疗。

有些遭受严重烧伤的患者需要接受皮肤移植。目前，研究人员发现，可能需要数周时间以采集来自患者自身健康的皮肤，供培育出人造皮肤。

"使用干细胞创建的皮肤，可以被存储在组织银行，这意味着它可以立即敷用在伤口上，这也能将人造皮肤治疗提前数星期。" 西班牙格拉纳达大学 组织学教授 安东尼奥·坎波斯的研究报告显示。

<干细胞转化医学刊物> 内也发表，科学家从人类脐带内的瓦顿氏凝胶萃取出间质干细胞能创建更新的技术。

研究工作组从过去的研究领悟及使他们相信从脐带萃取的干细胞可以转变成上皮细胞(组织细胞)。

调查人员注意到,干细胞是组织再生工程的“极佳候选人”，原由于它们拥有"扩散和分化功能"的潜能。但至今，它们的潜能是否能变成上皮细胞还未能证实。

#### 脐带是组织再生工程的"新细胞来源"

科学家们结合了脐带干细胞与纤维蛋白制成的生物材料 - 一种在血液凝固体中萃取的蛋白质和通常从海藻中提取的聚合物-琼脂糖。

研究人员发现,在测试体内结合时,瓦顿氏凝胶的间质干细胞和生物材料方面的导致人工皮肤和口腔内侧的粘膜增长。

根据研究人员的调查解说:

"电子显微镜分析证实,上皮细胞的图层细胞像和组件单元格结点。这一项结果表明,HWJSCS(人类脐带瓦顿氏凝胶的间质干细胞)有潜能区分口腔粘膜和皮肤上皮细胞的活体,可以是一个适当的新细胞来源来发展人类口腔黏膜和皮肤组织。"

<今天医学新闻>报道，最近一个研究表明,科学家已经使用人类胚胎干细胞创建了“迷你的肾脏”，其它研究发现基因可能导致造成疤痕组织。

Reference: [www.medicalnewstoday.com](http://www.medicalnewstoday.com)



## ToothMSCs

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# Patient Recruitment for Clinical Trials

We are currently recruiting patients for three (3) studies below subjected to the following criteria:

## 1. STROKE STUDY

- Aged between 30 to 75 years old.
- Diagnosed with stroke onset within 2 weeks to 2 months.
- Never received thrombolysis or failed thrombolysis.

## 2. CRITICAL LIMB ISCHEMIA STUDY

- Aged 20 years old and above.
- Diagnosed with critical limb ischemia with symptoms of rest pain, ulceration, gangrene or non healing wound.
- Not suitable for angioplasty, bypass operation or collateralization.
- Shows no improvement after angioplasty, bypass operation or collateralization.

## 3. CARDIAC STUDY

- Aged 35 to 75 years old.
- Diagnosed with Ischaemic Cardiomyopathy or history of previous heart attack.
- Heart attack event occurred 6 months ago or longer.
- LV ejection fraction of  $\leq 40\%$  by echocardiogram or cardiac MRI.

If you are interested to participate in the study above, please contact 03-8689 8888/ 016-9203203 (Nurhayati) for further information.

如果您有兴趣参与上述研究，请联系 03-86898888/016-9203203 (Nurhayati) 了解更多详情。

Terms and conditions apply 需符合条件

我们正在录取患有以下三种疾病的患者，以进行临床研究：

## 1. 中风治疗

- 年龄介于30岁至75岁之间。
- 刚在2周至2个月内被诊断为中风患者。
- 您从未接受溶栓治疗或溶栓治疗无效。

## 2. 严重肢体缺血或糖尿病溃疡治疗

- 年龄介于20岁或以上。
- 确诊为严重肢体缺血，糖尿病导致溃疡，坏疽或伤口不愈合的症状。
- 不适合血管成形手术，搭桥手术或心血管驳接手术。
- 在接受血管成形术，导管手术或截肢手术后，病情无改进。

## 3. 心脏治疗

- 年龄介于35岁至75岁之间。
- 确诊断为缺血性心肌病或曾经历过心脏病发作。
- 心脏病发作已经6个月或更长的时间。
- 从超声心动图或心脏磁共振成像确诊的左室射血分数是 $\leq 40\%$ 。



# Stem Cells Research & Treatment

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For Heart Failure and Dilated Cardiomyopathy

**Chondro<sup>cell</sup>**  
For Osteoarthritis

**Auto<sup>cell</sup>**  
For Autoimmune Disease

**Dermacell**  
For Diabetic Foot Ulcer and Wound Healing

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For Refractory Angina and Peripheral Artery Disease

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## Face to Face with Wan Wai Fun

malaysia famous radio dj & entertainer

### 1 What made you decide on stem cell banking? 是什么让您决定储存宝宝的干细胞?

It's like investing on bio-insurance for my family. Personally, I think banking my baby's stem cells was one of my best decision made as a mother.

储存干细胞就像是为我家人投资了一项生物保险。我个人认为，身为孩子的妈妈最好的决定莫过于为我宝宝储存他的干细胞。

### 2 Do you think the public is aware about the benefits of stem cell banking? 您认为大众对于干细胞储存的好处认知多少呢?

There's no doubt that the awareness of stem cell banking is increasing, yet there are still many parents who are not aware about the importance of this. I would personally urge expecting parents to look at it as a sensible investment. I believe CryoCord is on its mission to reach the public out there with giant steps.

在现今的社会里，已有越来越多的民众认识和了解干细胞银行所带来的好处。虽然说，如今干细胞银行的概念愈来愈灌入民心，但是还是有很多父母忽略了干细胞银行的重要性。我会鼓励准父母们将它看待成是一个明智的投资。在此，我也相信凯儿库的使命正是为公众传达此重要性。

### 3 What is your personal advice to all mother-to-be about stem cell banking?

对于干细胞储存，您有什么个人忠告要与准妈妈们分享吗？

Not all private stem cell banks are the same. It is important to note that a reliable stem cell bank must have a strong company financial background, and advanced facilities handled by professionals. I'm impressed with the R&D projects and affiliations CryoCord has, it indicates the future advancement of the company.

不是所有的私人干细胞银都是一样的。一个值得信赖的公司是必需有稳定性的背景，由专业人员掌控的先进实验室设备。我对于凯儿库加入的研发计划感到印象深刻，这表明凯儿库在未来发展的进步。

### 4 There are many stem cell companies out there. Why CryoCord?

市场上还有许多干细胞储存库。为什么选择凯儿库？

CryoCord provides the best services with close attention to detail which really impressed me. Being the most experienced company in Mesenchymal Stem Cells (MSCs) storage, research and treatment, I think I don't need more reason to justify my decision to store the precious stem cells of my baby with CryoCord. Furthermore, I've visited their lab in Cyberjaya and I was impressed with their facilities.

凯儿库所提供的服务，细心得让我印象深刻。作为一家对间质干细胞储存和处理充满经验的公司来说，我想我是不需要更多的理据来证明我为我宝宝储存干细胞在凯儿库的决定。不仅如此，我也有到凯儿库的实验室参观，他们的设备让我非常满意。

### 5 How do you spend quality time with your family despite your busy schedule?

您是怎样和您的家人在百忙之中渡过呢？

I love spending time with my husband whenever I can when I'm around KL. But if I'm out stationed for any shows or events, I will try to keep in touch through phone calls and video calls with my family especially after the arrival of my precious baby. My family is the most important asset in my life now and I want every single moment with them to be a meaningful one.

不管什么时候，只要我在吉隆坡，我都爱跟我丈夫在一起。如果，我到其它地方做节目或活动，我都会尽量通过电话或视频通话与我家人保持联络，尤其是迎接我宝宝的到来后。我的家庭是我生命中最重要的资产，现在我要与他们的每一个时刻是充满意义的。

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\*terms & conditions apply

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# Stem Cells Changed His Life

This is a story of my husband, Djohan Tiomena.

It all began from his heart attack in the middle of night on 6th February 2013. Even though we were staying in Padang, a provincial capital of West Sumatera, the supply of medication was still not adequate. Medical staff and drugs needed for the condition were not available which led to substantial damage in his heart. A stent was installed in his blocked artery after the doctor performed heart ultrasonography. According to the doctor my husband's heart will adapt to the existence of the stent.

But two (2) weeks after we returned home, his condition was still the same; he experienced fatigue, felt too tired and he was only able to work half a day. Feeling strange and worried, we decided to go to Dr. Tan Chiang Soo in Penang Adventist Hospital for a checkup. After examination by Dr. Tan, he broke the news that my husband has heart failure due to the long period of time when installing the stent and only 30% of his heart was actively functioning.

We felt the whole world collapsing upon hearing the bitter news but Dr. Tan informed us that there was another door of hope opened to us which is "Stem Cell Treatment". We were told that stem cells could offer my husband's heart a chance to become stronger.

At that critical time, Dr. Tan introduced Ms. Winnie from Cytopeutics, who handles the treatment with stem cells. We obtained a lot of information from her and I began to understand what stem cells are all about. Finally, we decided to proceed with the treatment. On 28th February 2013, my husband went through bone marrow aspiration. After the harvested stems cells were cultured, he went through the stem cell transplantation by Dr Tan. After the procedure, he felt more energized, healthy and vitalized. For me, it was wonderful to be looking at such drastic changes in such short period of time.

Dr. Tan was very happy looking at Djohan's improvement. His heart is 45% active now compared to only 30% active 2 months ago. My husband's was one of the lucky few patients who enjoyed darker new hair to replace his graying hair. What wonders more could these stem cell do, we asked ourselves.

Now, at the end of August, after 4 solid months, His condition has progressed well. I would definitely thank God for meeting Dr. Tan at the right time and being introduced to stem cells treatment by Ms. Winnie. Only God is able to reciprocate for all kindness we've accepted.

We hope everyone who is in need of stem cell treatment, will experience positive changes as my husband did. Stem cells have touched our hearts and changed his life.

这是我丈夫狄祖翰(译名)的故事

一切发生在2013年2月6日半夜，我丈夫的心脏病突然开始发作。尽管我们住在巴东-西苏门答腊的首都，但是药物的供应并不足够。医务人员和药物的短缺导致他的心脏受到更严重的损伤。后来，医生在他的阻塞动脉安装了一个支架并在进行心脏声像图时解释，我丈夫的心脏会适应支架的存在。

可是，在我们回家后的两个礼拜，他的身体状况并没有好转。他的疲惫也开始影响到他的工作，最多只能撑半天。在担忧和不寻常的情况下，我们决定到槟城的医院找陈强书医生(译名)进行身体检查。在陈医生的检验后，得知我丈夫的心脏因为长时间的植入了支架而出现衰竭现象和只有30%的部分是正常运作。

正当我俩在得知此事后感觉茫然的同时，陈医生告诉我们还有一个方法和希望，那就是干细胞治疗。从医生的解说中我们明白，干细胞可提供让我丈夫的心脏强化的机会。



在这关键时刻内，陈医生介绍来自Cytopeutics负责干细胞治疗的Winnie给我俩认识。在Winnie的耐心解说下，我们也了解和明白到干细胞的功用。最后，我们决定接受干细胞治疗。在2013年的2月28日，我丈夫透过骨髓采取干细胞，再将萃取出来的干细胞进行培植；然后，由陈医生将干细胞移植到我丈夫的身上。在接受治疗后，我看到他痊愈的速度比我想像中还要好。

陈医生也为我丈夫的痊愈感到高兴。与他的心脏在两个月内从只有30%运作能力提升到45%。在众患者当中，我丈夫是幸运者之一，他的灰白发也开始被新生的黑发取代了。我们也好奇的问自己，干细胞还会发挥什么意想不到的成果呢？

现在已经来到八月份尾，手术的4个月后，我丈夫的身体状况也日愈变好。我很感谢上帝让我在这时候遇到陈医生，也让我认识到由Winnie为我们介绍的干细胞治疗。对我们而言，这是上帝赐予我们的恩惠。

对需要接受干细胞治疗的患者，我们衷心希望他们也能像我丈夫那样的受惠于此项治疗。干细胞已感动到我们的内心和改变我丈夫的一生。

# Research Collaboration with HUKM



The program was officiated by Deputy Vice Chancellor of Industry and Community Partnerships, UKM, Prof. Dato Dr.Saran Kaur Gill. Prof. Dato' Dr. Raymond Azman Ali Dean of the Medical Faculty and the Director of UKMMC and few representatives of CryoCord namely James Then, Dr.Then Kong Yong, Michael Then and Henry Low ; were also present in this event.

马来西亚国民大学眼科医疗中心向媒体发布新闻报导有关凯儿库集团与马来西亚国民大学眼科医疗中心(PPUKM)携手合作，以探索干细胞广大治疗的可能性为最新动向。

今天，干细胞技术已迅速提高患者从各种疾病康复的希望。作为马来西亚最知名研究型大学之一的马来西亚国民大学积极参与干细胞的研究，以提高这类治疗方法的有效性。凯儿库运用最先进和安全的设备与资源，透过顶尖科技维持卓越服务水平，并在马来西亚崛起成为首屈一指的干细胞库而对此深以为傲。

CryoCord Group has taken another step in exploring the borderless therapeutic possibilities of stem cells by establishing a promising collaboration with Pusat Perubatan Universiti Kebangsaan Malaysia (PPUKM).

Stem cell technology, which is advancing rapidly at this point of time is used to treat various diseases which gives hope to many patients seeking recovery. Being one of the most recognized and research-oriented university in Malaysia, Universiti Kebangsaan Malaysia (UKM) is actively involved in research of stem cells to increase the effectiveness of this treatment. CryoCord prides itself to be Malaysia's premier stem cell bank, offering excellent service with cutting edge technology by utilizing the most advanced, secure facilities and resources available.

The main objective behind this collaboration is to conduct research to evaluate the effectiveness of stem cell treatment for eye-related disorders, especially retinal degenerative disease and optical nerve injury. This research group is led by Prof. Madya Dr. Mae-Lyn Catherine Bastion involving other eye specialists from the Ophthalmology Department in collaboration with scientists from the Tissue Engineering Centre of PPUKM. The outcome of this research is expected to provide a new effective alternative treatment for retinal and optical nerve injuries enabling patients with affected eye sight to return to normal.



这种合作背后的主要目的是探讨以干细胞治疗眼睛疾病尤其是视网膜变性疾病和光学神经损伤进行研究。这个研究小组是由Prof. Madya Dr. Mae-Lyn Catherine Bastion领导，眼科专家与马来西亚国民大学眼科医疗中心(PPUKM)组织工程学中心的科学家也参与这项合作。这项研究结果预计将提供一个有效的新替代治疗来治疗视网膜和光学神经损伤，使患有眼视力疾病的患者恢复正常。

此计划是由行业和社区伙伴-UKM的副校长拿督Dr.Saran Kaur Gill 教授主持。国大医学院院长及国大医院董事Prof Dato' Dr. Raymond Azman Ali, 和CryoCord的代表郑康力(董事经理)，郑康勇医生(首席专业技术总监)，刘翰仪(执行董事)和郑康威(执行董事);也出席了本次活动。



# Hat-trick!

THANK YOU FOR MAKING US THE **BEST STEM CELL BANK**  
FOR **3** CONSECUTIVE YEARS FROM **2012 - 2014.**



# Nurses Day Celebration

Nurses are the backbone of the healthcare system. Every year on International Nurses Day, we commemorate this important day by visiting nurses at the hospital and thank them for their support throughout our service. As a token of appreciation to their hardwork and dedication, we gave away a stalk of rose to the nurses which made them smile ear to ear and made them feel appreciated. Nurses Day Blitz (that's how we call it) shall continue as a yearly tradition in CryoCord!



护士为医疗领域里的支柱。凯儿库每年都会在国际护士节拜访医院里的每一位护士，并感谢他们给予我们的服务与支持。这是为了表彰他们的在工作上辛勤和精神奉献。今年我们赠送了玫瑰花于这班无私付出的护士，这使护士们都合不拢嘴的开心微笑，这举动也让他们感到非常欣慰。

每一年的这天，护士节-将继续成为凯儿库表扬护士的传统感恩日。



A nurse will always give us hope,  
an angel with a stethoscope.

~Terri Guillemets

## Next upcoming events

### Mar

6-8 March 2015

Mom & Baby Expo @ IDCC, Shah Alam

27-29 March 2015

9th Maternity & Children Expo  
@ Mid Valley Exhibition Centre, KL

27-29 March 2015

Mom & Baby Expo  
@ Danga City Mall, Johor Bahru

### Apr

3-5 April 2015

Mother Baby & Kids Expo  
@ PWTC, KL

10-12 April 2015

Motherhood EXPO 2015 @  
KLCC, KL

24-26 April 2015

Baby & Kidz Fair @  
Dewan Perbandaran Seremban, N.Sembilan

### May

15-17 May 2015

Mom & Baby Expo @  
Mid Valley Exhibition Centre

22-24 May 2015

Baby & Kidz Fair @  
PHL Convention Centre, Perak

29-31 May 2015

Baby & Kidz Fair @ sPICE (PISA) Penang

\* The above events are subject to change. Please call our hotline to confirm.

# ISCTA 2014

Paris, France  
TWENTIETH ANNIVERSARY  
April 23 • 26, 2014



Participating in ISCT (International Society for Cellular Therapy) conference became a “tradition” for CryoCord Group since 2011. ISCT is a global society of people involved in cellular therapy with a unique collaboration worldwide. Academia, regulatory bodies and industry partners present their research results and update their current findings and technologies. This year, ISCT was held in Paris, to celebrate their 20 years in the making. We are the only group in South East Asia to exhibit in this prestigious event. In addition, we also represented MACT (Malaysia Association for Cell Therapy) in this event. We had 5 poster presentations and an oral presentation by our Clinical & Research Advisor, Assoc. Prof Dr. Chin Sze Piaw on “Umbilical Cord-derived Mesenchymal Stromal Cell Infusion Improves Blood Sugar Control in Patients with Type II Diabetes”.



自2011年，凯儿库集团从未缺席参与国际干细胞学会(ISCT)研讨会。国际干细胞学会(ISCT)是由一群来自世界各地与细胞疗法职业有关的专业人士参与合作。学术性来说，有关机构和它们的合作伙伴在这活动中介绍他们的研究成果，同时更新目前其机构的研究结果和技术。为庆祝他们这20年来的努力，今年国际干细胞学会(ISCT)选择在巴黎举办。我们是唯一来自东南亚的机构在这活动中展出。然而，我们也代表马来西亚细胞协会(MACT)出席此活动。在这活动里，我们总共以5项海报呈现成果和一项由陈世标教授主讲：脐带间质干细胞输注能有效改善血糖控制II型糖尿病患者。

