

Annual Report 2009

Czech Stem Cells Registry (CSCR-Prague) former Czech Bone Marrow Donor Registry, was founded in 1991 in the Institute for Clinical and Experimental Medicine in Prague, Czech Republic. In the same year, it became a member of the international network of unrelated bone marrow donor registries which was managed from the coordinating centre in Leiden, Netherlands. CSCR is a member of BMDW and WMDA.

CSCR gradually established contacts and joined other cooperating networks: National Marrow Donor Program (NMDP) in Minneapolis, USA, in 1997 and European Marrow Donor Information System (EMDIS) in Ulm, Germany.

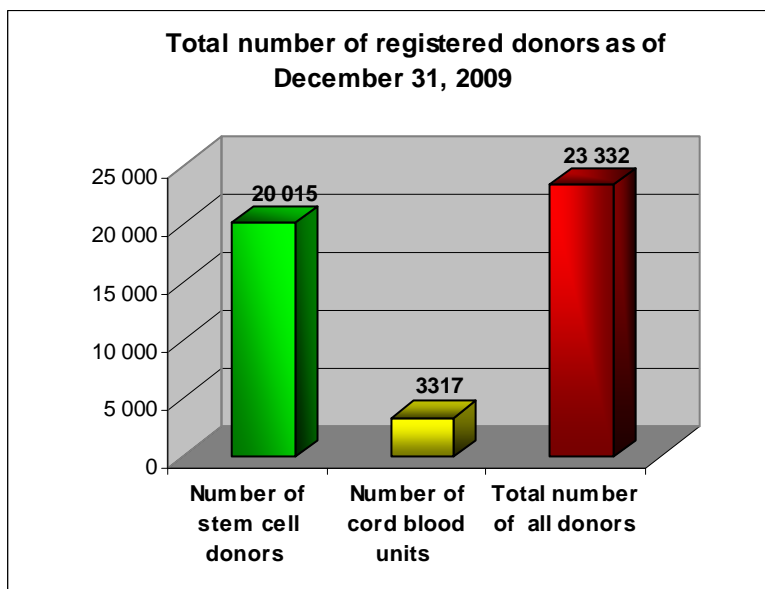
CSCR searches in its database HLA matched donors both for Czech and international patients.

CSCR holds ISO 9001 certification dated September 2007.

FACTS/FIGURES :

I. Number of donors :

At the end of December 2009, **23 332** donors were registered in CSCR.



II. Number of donors/cord blood units newly added to the Registry during the year 2009 :

In 2009, CSCR added to database **1338** donors/CBUs.

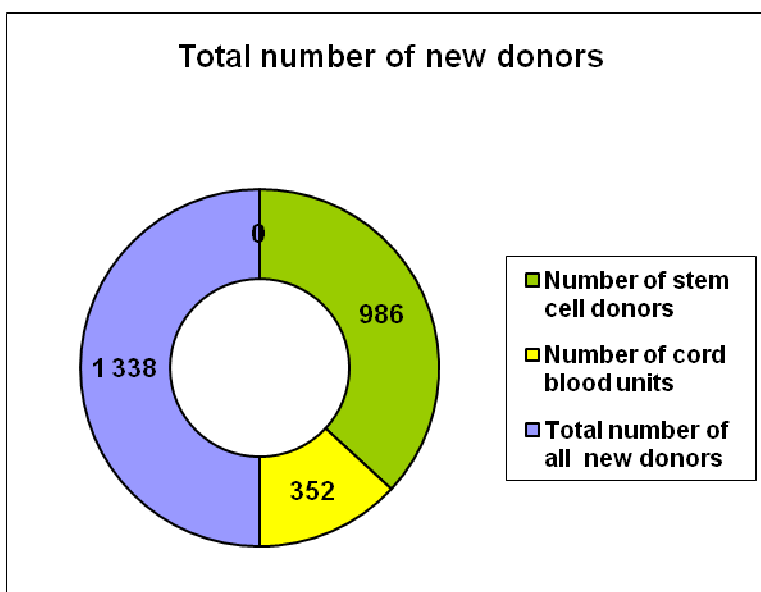
Initial typing on donor samples was performed by serological methods in the HLA class I.

(A,B,C loci) and DNA methods were used for HLA class II. (DRB1*LR typing)

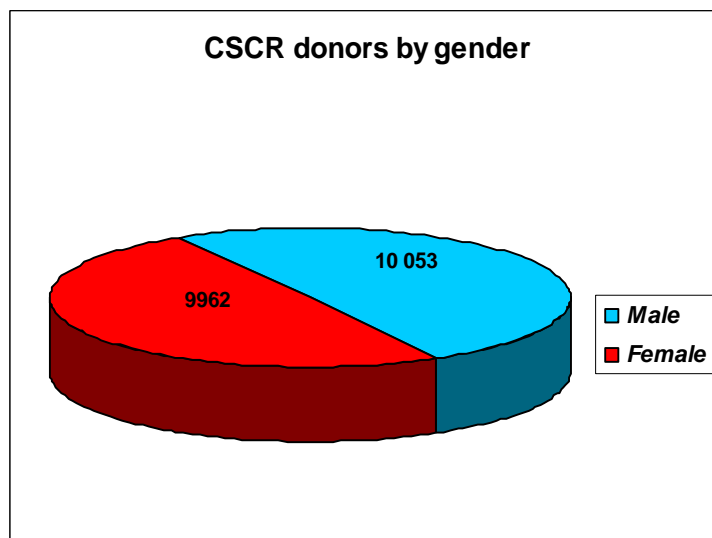
All CBUs entered in registry are ABDR*LR typed and units entered in year 2009 are

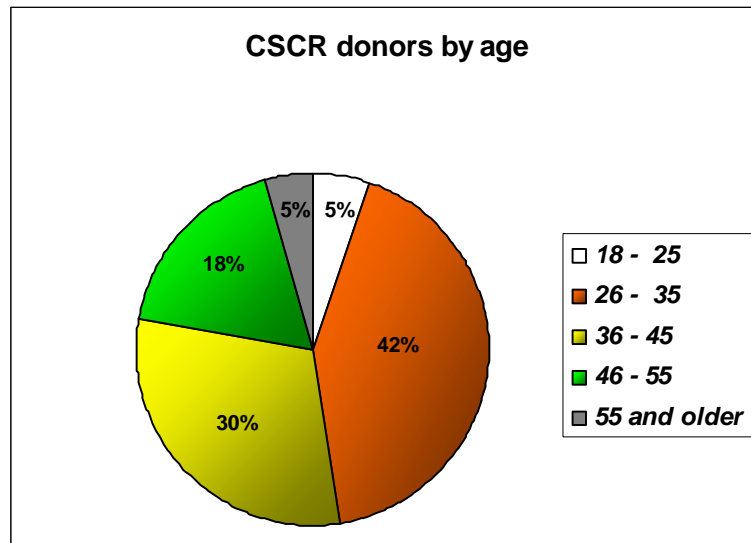
A, B,C,DRB1,DQB1 intermediate or HR typed.

Cord blood units are included in the CSCR registry pursuant to the agreement of CSCR and the Cord Blood Bank of the Czech Republic.



III. CSCR donors by gender and age :





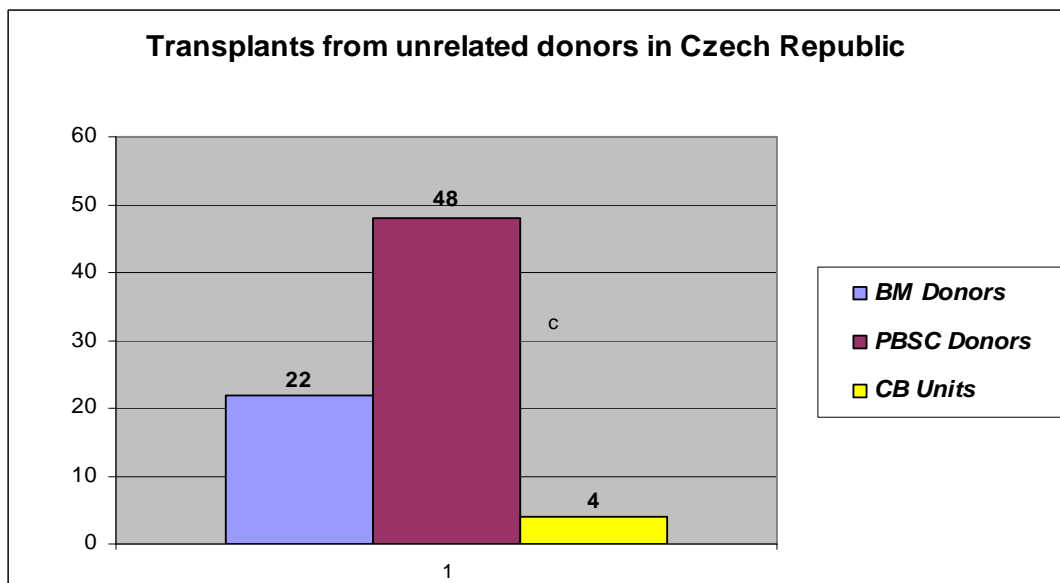
IV. Number of CSCR and international donors provided to Czech patients :

CSCR ran searches for **174 Czech patients** last year.

74 transplants from unrelated donors found by CSCR were performed in cooperative transplant centers in the Czech Republic.

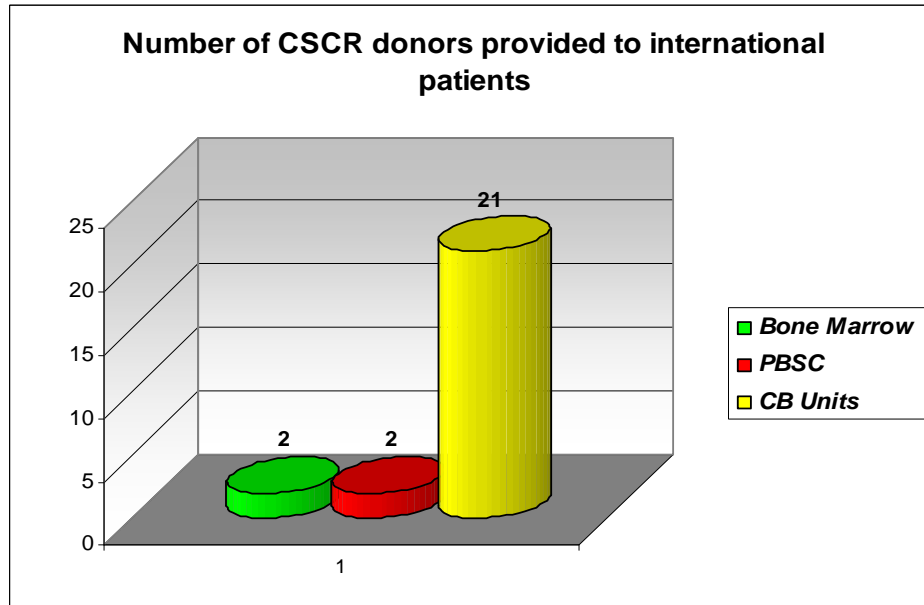
Donations of PBSC created 2/3 donations in comparison with the bone marrow donations.

In four cases, cord blood unit was used for the transplant.



V. Number of CSCR donors provided to international patients :

In 2009, a total number of **25** donations were provided for patients abroad. For these transplants 2 bone marrow and 2 PBSC grafts were used. The other 21 patients were transplanted with CBU.



VI. Number of donations from CSCR to patients in individual countries:

The highest number of Czech grafts was transplanted in France, then in the Netherlands and in Great Britain.

