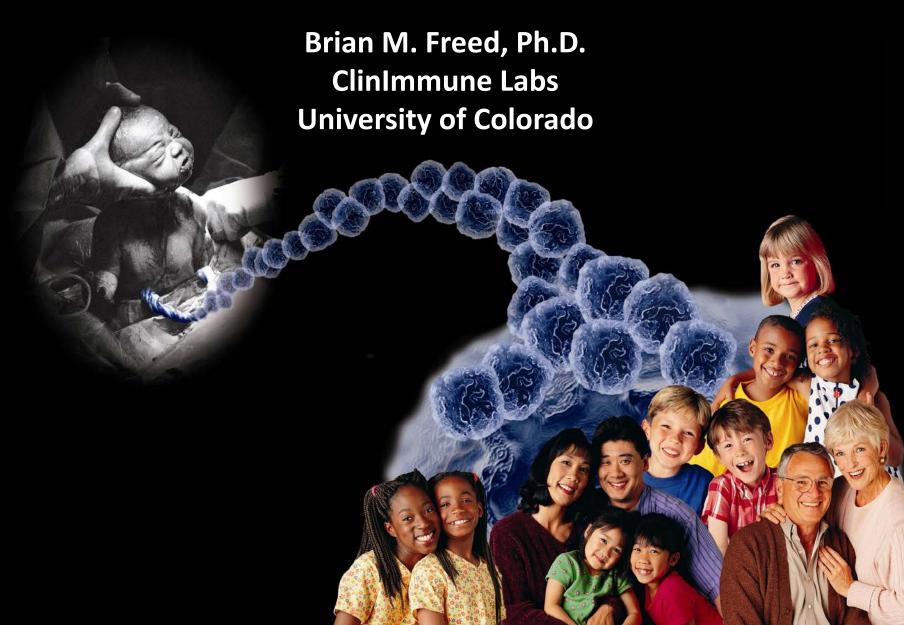
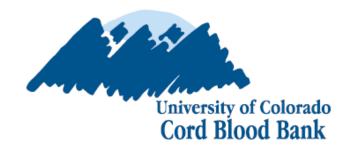
### **FDA Licensed Cord Blood Banking**





32,000 units collected 10,000 units banked FDA Licensed in 2012

**700 Cord Blood Transplants** 

**140 Transplant Programs** 

25 Countries

#### **Cord Blood is an FDA-Licensed Biological Drug**



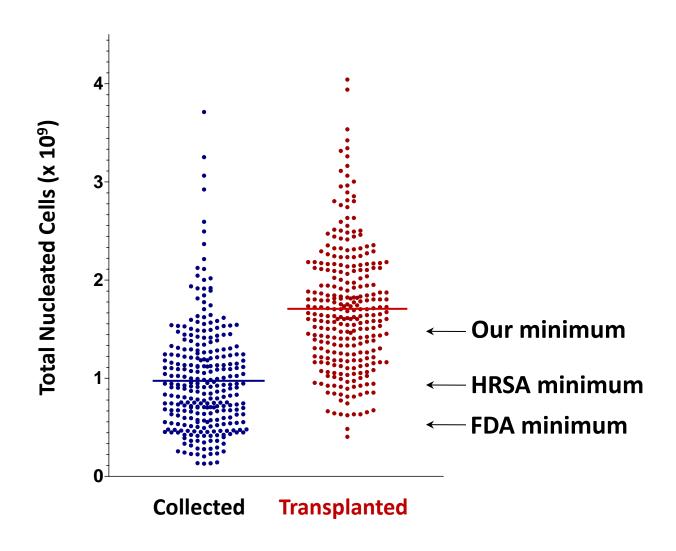


Processed individually in cGMP lab Environmental Monitoring 'Batch' Record for Each Unit \$827 per unit

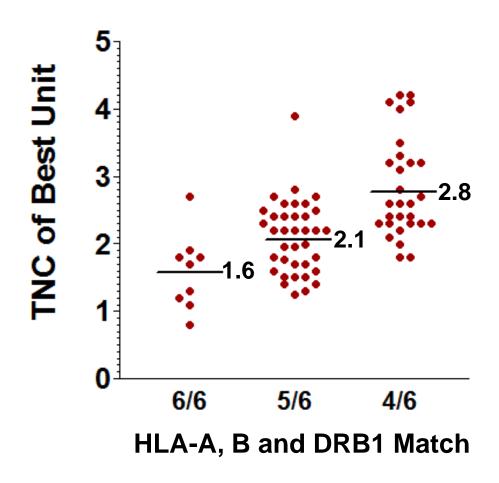
#### **Facts about FDA-Licensed Cord Blood**

- Cord blood banking requires a significant investment in cGMP facilities and protocols.
- Cord blood banking is labor-intensive. Each unit is considered a 'batch.'
- Cord blood banking requires significant informatics support.
- Cord blood banking requires *highly-trained* regulatory oversight.
- Licensure produces a significantly better product.
- Cost of licensure was \$900K plus \$200K/year to maintain.
- 90% of the banked cord blood is never used.

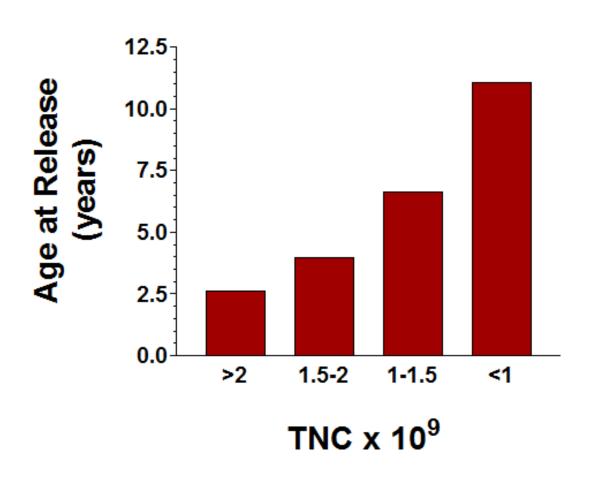
### Cord Blood *Collected* vs. Cord Blood *Transplanted* 2005-2013



## What Does the Typical Transplant Physician Find *Today*?



### Small Cord Blood Units Remain in Inventory Much Longer



# Effect of Raising the Cell Cutoff on Banking Rates

(n = 13,500)

