

We are interested in a motivated individual to conduct post-doctoral research in cellular transplantation biology at one of the largest cord blood transplant centers in the world, located in picturesque North Carolina. Interested individuals should contact the P.I., Paul Szabolcs, [szabo001@mc.duke.edu](mailto:szabo001@mc.duke.edu) or <http://www.dukehealth.org/physicians/B43DBEA9C6A5170485256DFD006A91E0> or <https://faculty.duke.edu/faculty/info?pid=4670>

Research efforts are conducted along two parallel avenues that have synergistic interactions;

- 1) Elucidate the biology of attaining antigen-specific protective immunity after unrelated cord blood transplant (UCBT) with special focus on CMV and adenovirus.
- 2) Develop, validate, and test in clinical trials novel graft engineering methods focusing on improving post-transplant lymphopenia both as a global and antigen-specific precursor deficit. While modifying the alloreactive potential of cord blood T cells we are developing strategies for ex vivo generation of anti-viral and anti-tumor donor lymphocytes available for adoptive transfer into cord blood transplant recipients.

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