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**Stem Cell Physics. Laser Manipulation of Blood Types: Laser-Stripping-Away of Red Blood Cell Surface Antigens**[1] V. ALEXANDER STEFAN, Stefan University, La Jolla, CA — A novel mechanism of importance for the transfusion medicine[2] is proposed. The interaction of ultrashort wavelength multilaser beams with the flowing blood thin films can lead to a conversion of blood types A, B, and AB into O type.[3] The stripping away of antigens is done by the scanning-multiple-lasers of a high repetition rate in the blue-purple frequency domain. The guiding-lasers are in the red-green frequency domain. The laser force, (parametric interaction with the antigen eigen-oscillation),[4] upon the antigen protein molecule must exceed its weight.

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[2]Karl Landsteiner, *Centralblatt f. Bakteriologie, Parasitenkunde u. Infektionskrankheiten*, **27**, 357–362, (1900).
[3]Henrik Clausen and the research group from the University of Copenhagen, *Nature Biotechnology* **25**, 454 - 464 (2007); Published online on April 1, 2007.
[4]V. Stefan, B. I. Cohen, C. Joshi, *Science*, 243, 4890, (Jan.27, 1989); V. Alexander Stefan, *Neurophysics, Stem Cell Physics, and Genomic Physics*, (S-U-Press, La Jolla, CA, 2012); V. Alexander Stefan, APS-March-2013, # H1.00208.

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