## **Detection of small CTCs**

there are many CTCs with diameter smaller than that of a normal prostate epithelial cell, which remain undetected by algorithms based on size selection assuming the tumor cells are larger than the normal, which they not always are – in particular when the disease becomes <a href="mailto:androgen-independent">androgen-independent</a>

Alex Matov, PhD 4/2014

collaboration with Neil Bander, MD

4.96 uM

4.96 uM

4.36 uM

5.11 uM

6.46 uM

Red- J591 tumor marker Green- CD45 leucocyte marker Blue- DAPI nuclear marker

200 um













