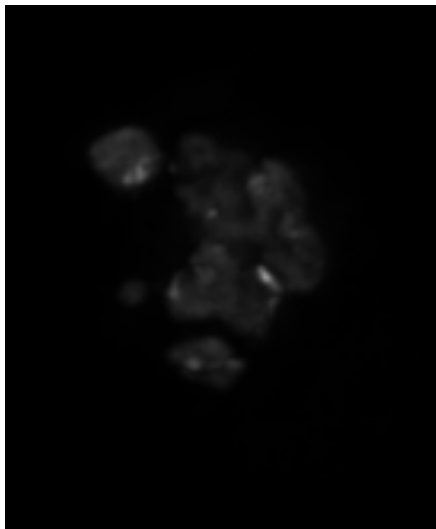
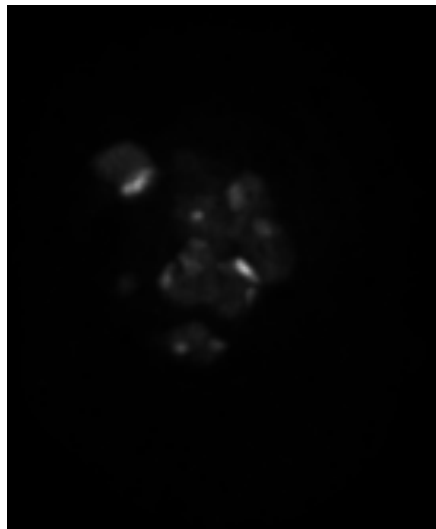


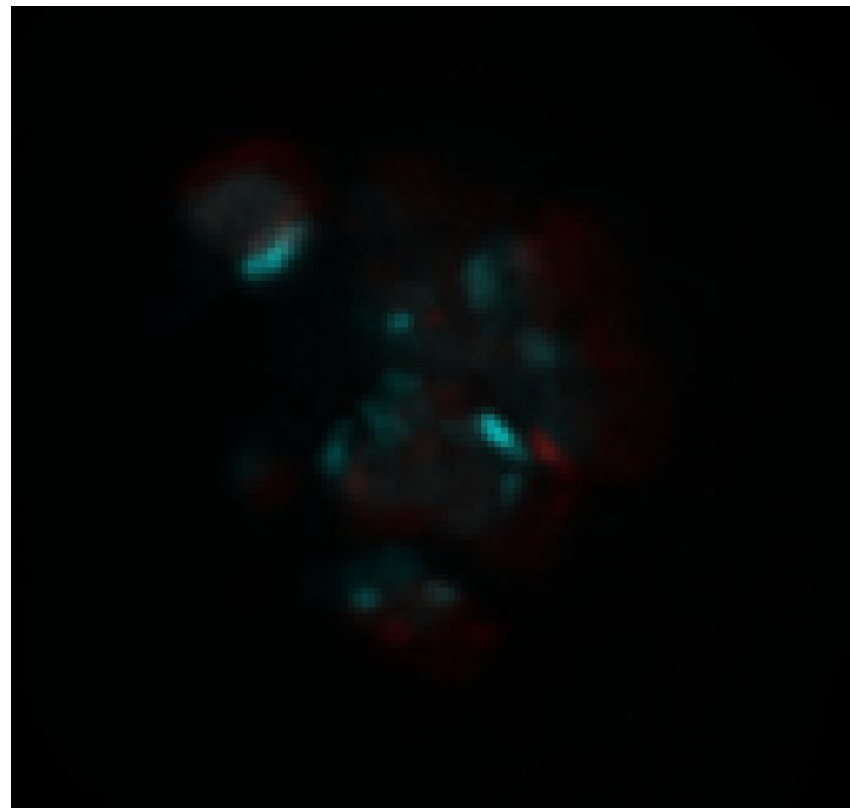
Cell-scale registration



DAPI fiducial



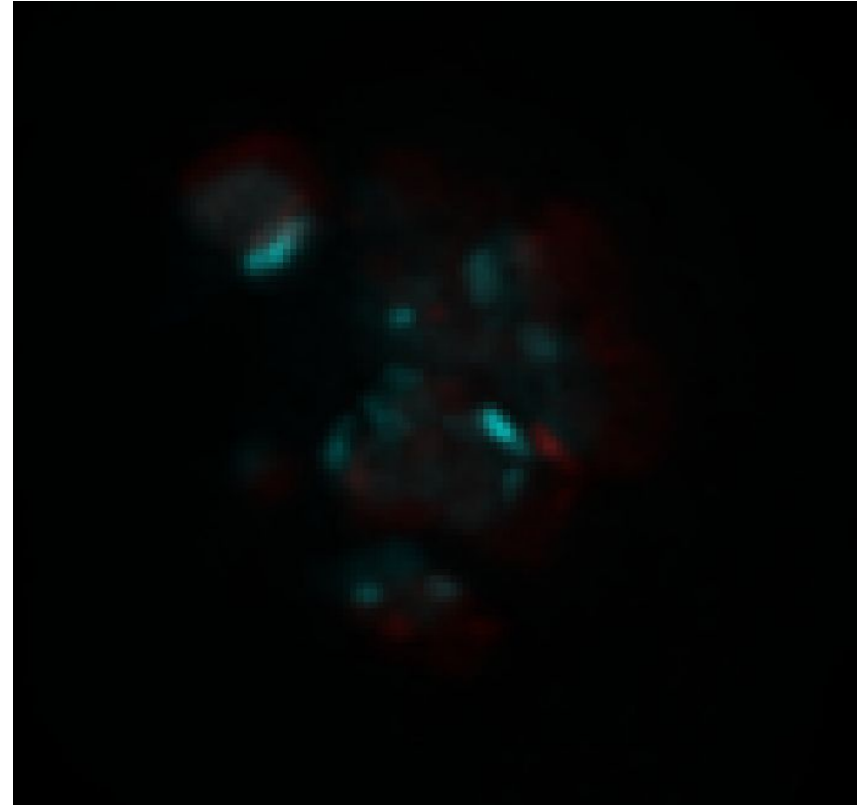
RT17 fiducial



Raw comparison

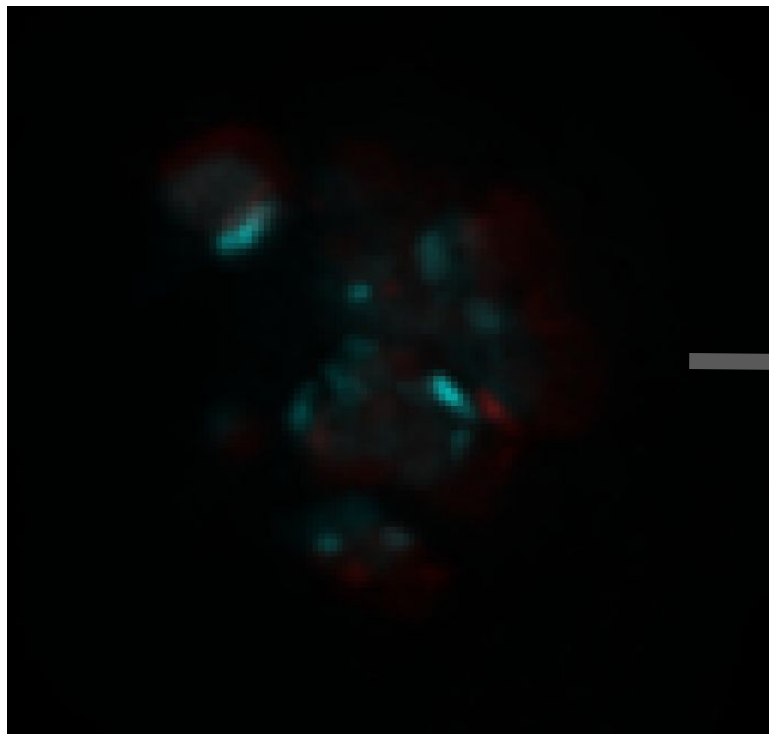
Cell-scale registration

- Translation (X,Y,Z)
- Dilatation
- Anisotropic

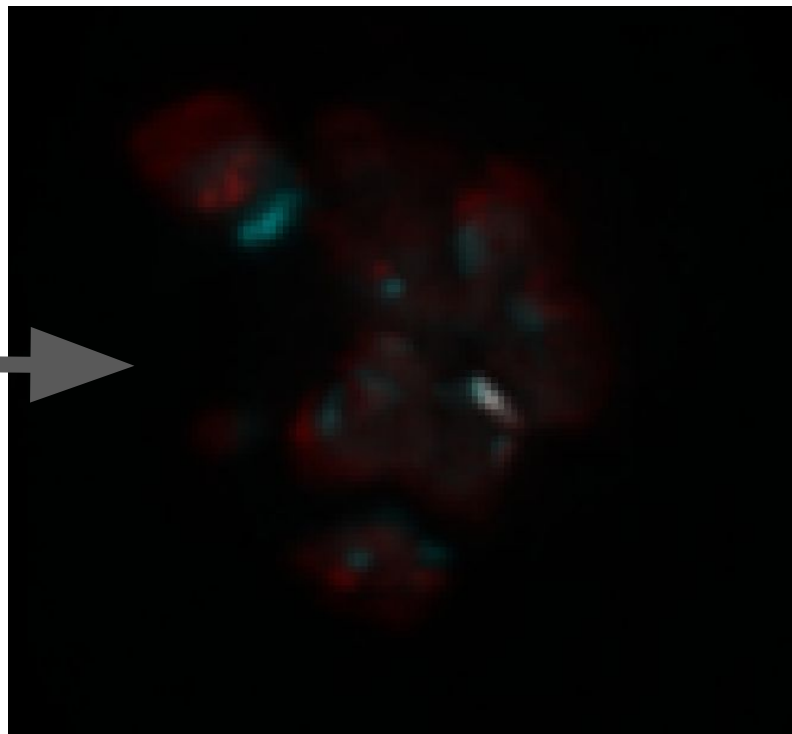


Raw comparison

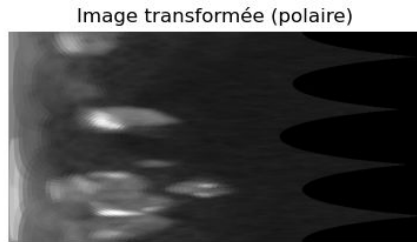
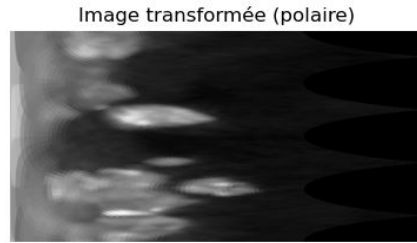
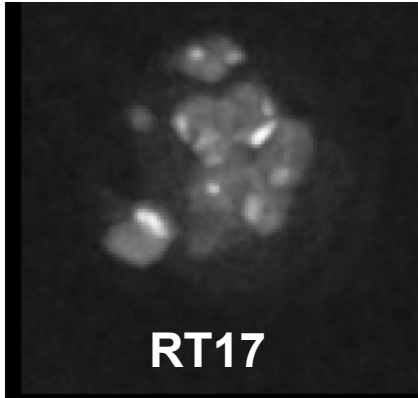
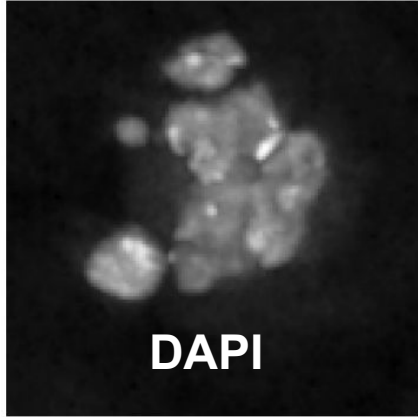
Center both images



(X,Y,Z) shift

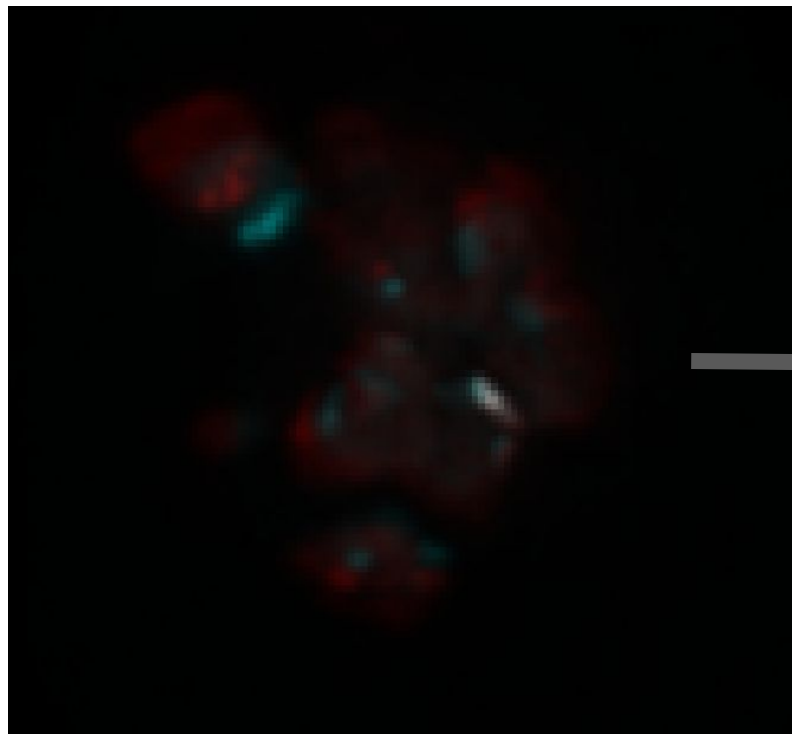


Convert in polar coordinates

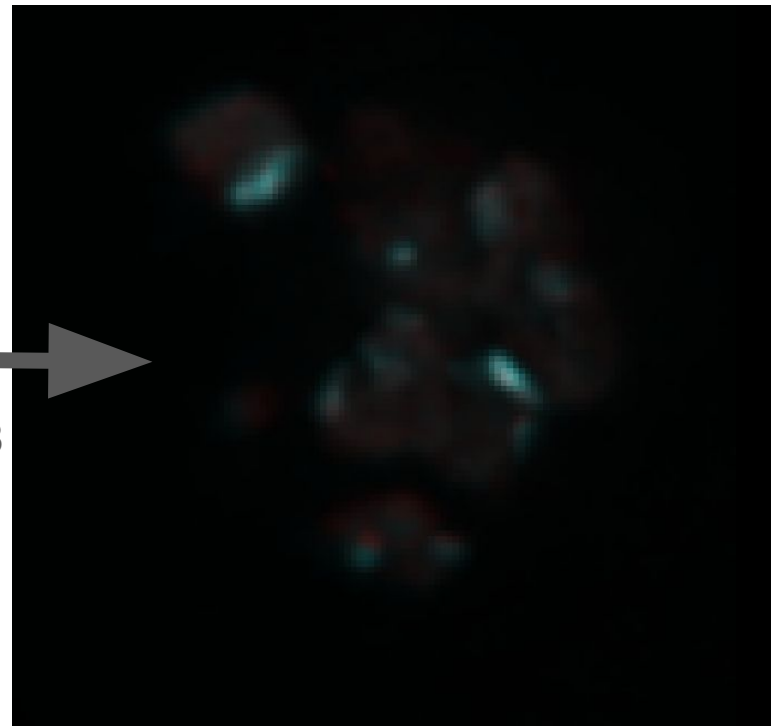


- Cross-correlation in polar coordinates
- to find the “radius factor”

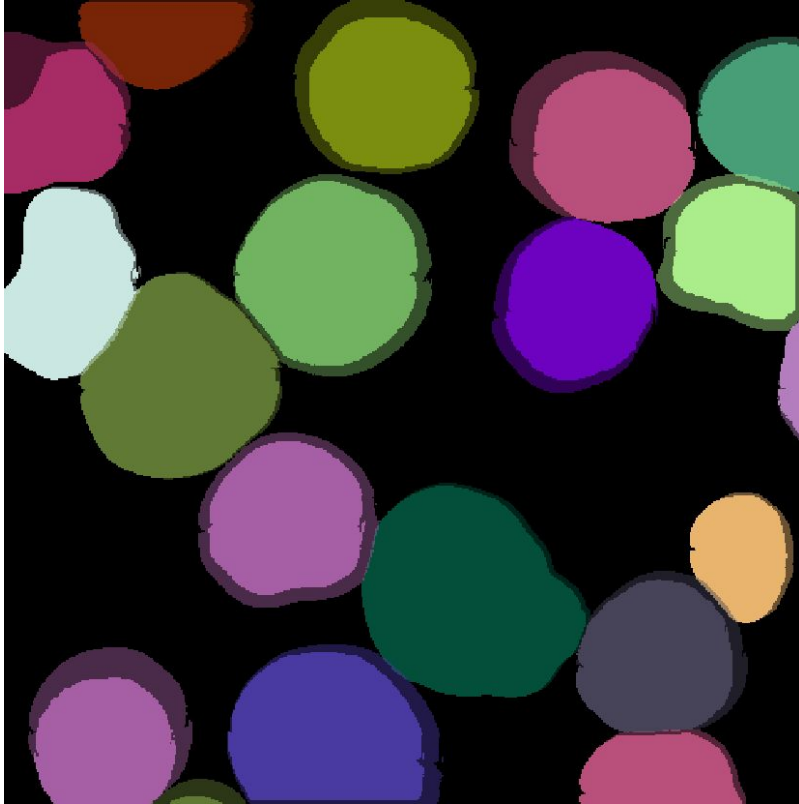
Apply zoom factor



Factor ~ 0.8



Apply it to each DAPI mask



RT17 masks on DAPI masks

- Match spots of RT17 in RT17 masks
- Register spot coordinates in DAPI referential

