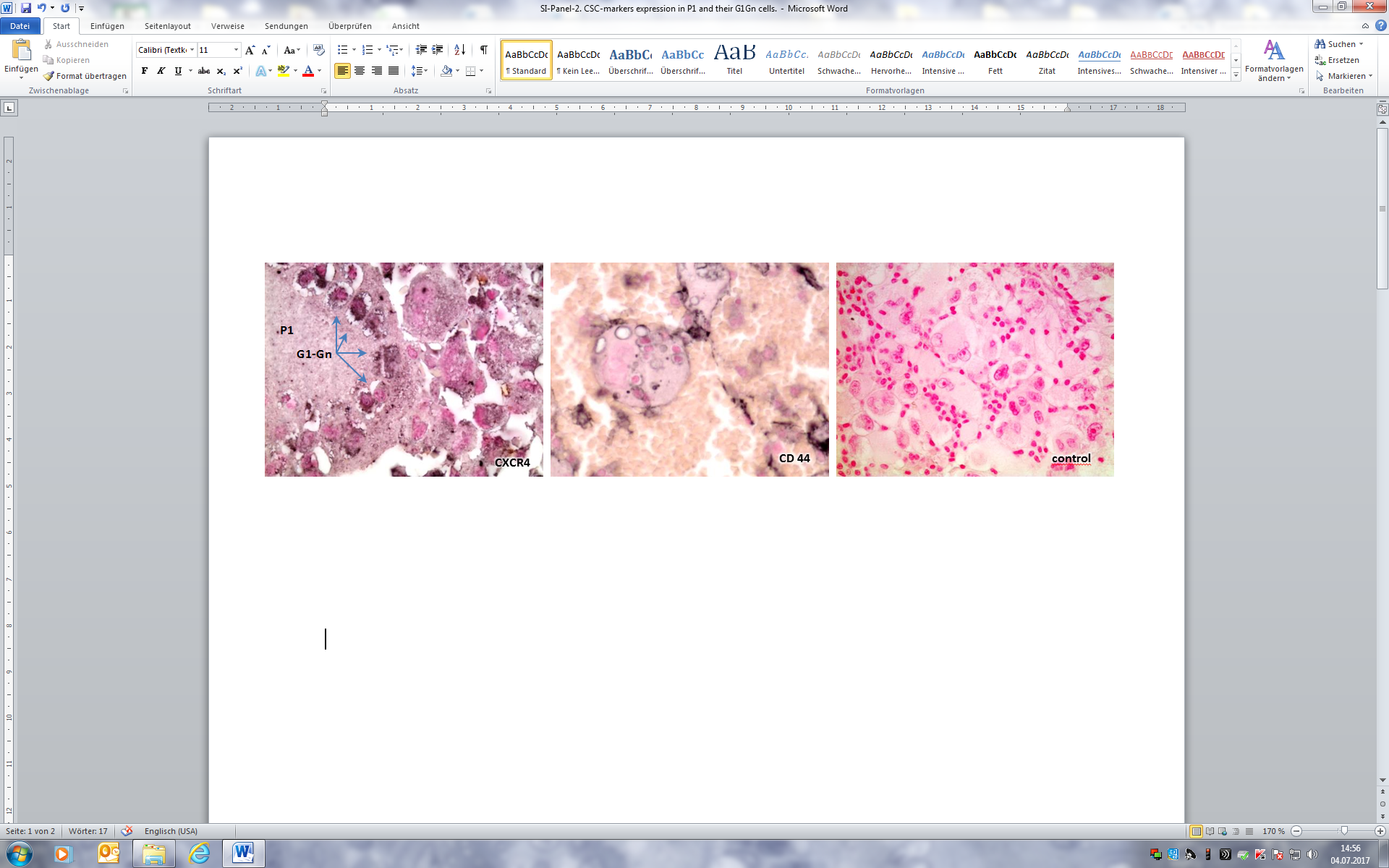
**Supplemental Figure 5**: Expression of CSC markers and morphology of P1 oncogenerative and G1-Gn cells



**A**

**G1-Gn**

**erythrocytes**

**aperture**

**P1**

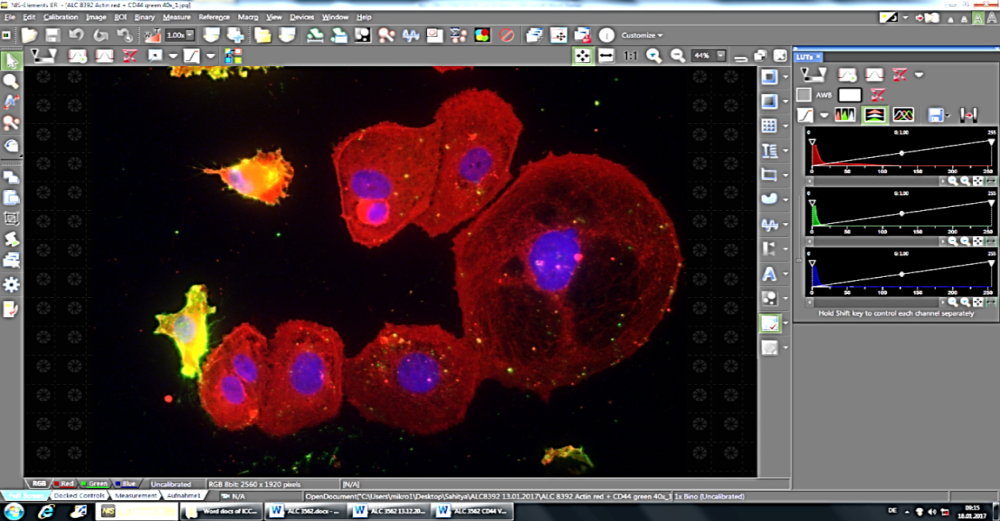
**main nucleus**

**B**

**C**

**3**

,,



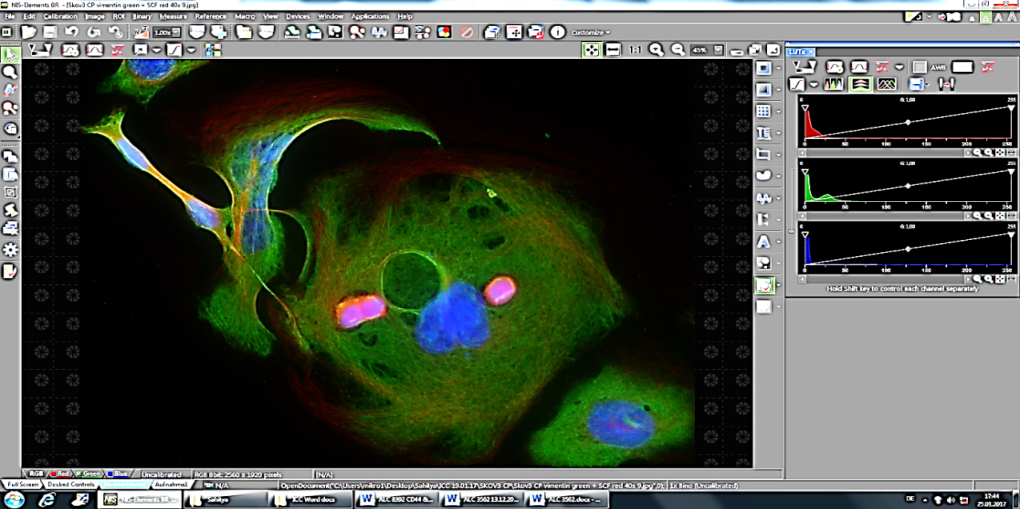
Merged

ESA/TROP 1

Actin

**G1-Gn**

**D**



Merged

Vimentin

SCF

**G1-Gn**

**eclosion**

**E**

**Expression of CSC markers and key replicative effectors in ovarian primary cells and tumors. A:**  G1-Gn cells present inside P1 oncogenerative cells. They are CXCR4 (**A**) and CD44 (**B**) positive. CXCR4 is an alpha-chemokine receptor specific to stromal-derived-factor-1 (SDF-1 also called CXCL12). This chemokine plays an important role in cell survival, proliferation, migration and metastasis formation in several cancers. **A** shows crevices in P1 and eclosion of G1-Gn cells. **B** gives an idea of the size of P1 oncogenerative cells in relation to erythrocytes. **C**: control. DAB staining. **D**: expression of ESA/TROP1. **E**: expression of SCF, a cytokine that binds to the c-KIT receptor (which is also overexpressed in P1 and G1-Gn cells). SCF plays an important role during embryonic development.