1. Metastasis of ovarian tumor cells
Metastasised single epithelial and fibroblastic-like ovarian tumor cells detach from primary ovarian tumor and shed the into peritoneal cavity.

2. Chemotherapy Treatment
with platinum and taxol-based drugs

3. Evasion of chemotherapy by CSC-like cells enriched in Oct4A

4. Spheroid Formation
Oct4A expressing CSC-like cells can undergo self renewal or differentiation to form bulk of the spheroid.

5. Disease recurrence
Spheroids capable of implanting at secondary site facilitate recurrence and treatment failure.

Bulk of tumor mass containing differentiated EOC cells lacking Oct4A and other CSC-like markers.

Oct4 A expressing CSCs – “core of the tumor spheroid”