

Supporting Information for

# Poly(ADP-ribose) Polymerase-1 Activity Stimulates the Dissociation of Nuclear Proteins from Platinum- Damaged DNA

*Evan R. Guggenheim, Alison E. Ondrus, Mohammad Movassaghi\*, Stephen J. Lippard\**

*Department of Chemistry, Massachusetts Institute of Technology,  
Cambridge, Massachusetts 02139-4307*

**Scheme S.1.** Synthesis of CEP-A (**A**) and CEP-6800 (**B**).

**Table S.1.** The cytotoxicity of three PARP inhibitors as tested by MTT assays in each of four cancer cell lines.

**Figure S.1.** The cytotoxicity of three PARP inhibitors was tested by the MTT assay in each of four cancer cell lines. HeLa (◆), NTera2 (■), BxPC3 (▲), and U2OS (✕) cells are evaluated. The PARP inhibitors used are 4-ANI (**C**), CEP-A (**A**), and CEP-6800 (**B**). The maximum tolerated dose value results are summarized in Table S.1.

**Table S.1:** Maximum tolerated dose of three PARP inhibitors in four cancer cell lines

Cell line	4-ANI ( $\mu\text{M}$ )	CEP-A ( $\mu\text{M}$ )	CEP-6800 ( $\mu\text{M}$ )
HeLa	2.0	0.1	3.0
NTera2	0.1	0.1	0.1
BxPC3	2.0	0.1	3.0
U2OS	1.0	0.1	1.0