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Elucidating the binding interaction of andrographolide with plasma proteins: biophysical and computational approach

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Fig.SI 1.

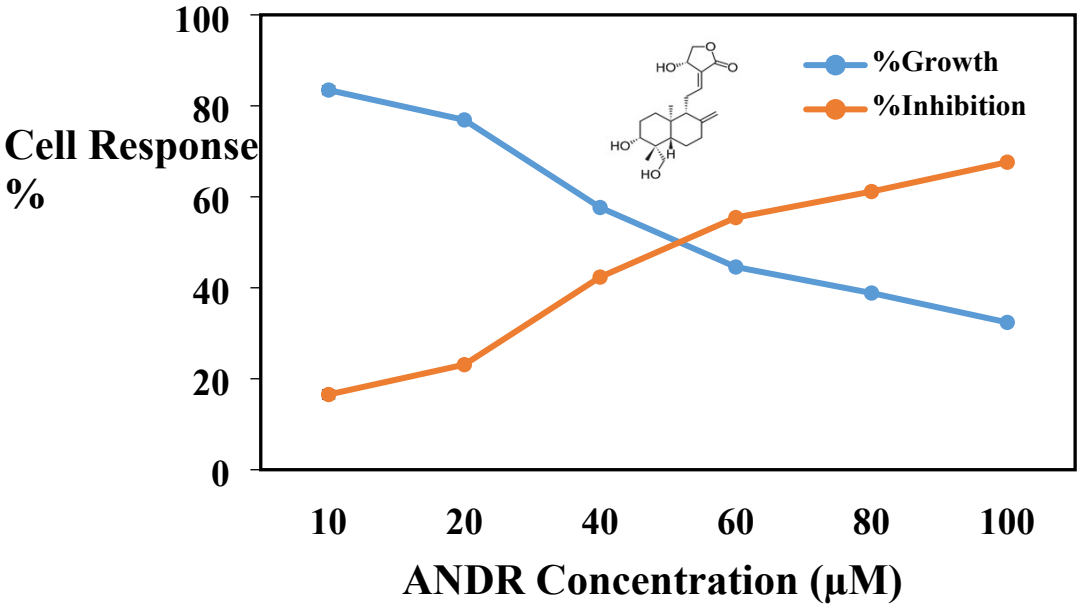

Fig.SI 1. Cell response of ANDR. ANDR showing anti-cancer properties (A) against breast cancer cells (MCF-7) in a dose dependent manner. Cell growth was measured by the MTT assay and the IC_{50} values were calculated accordingly.

Fig.SI 2.

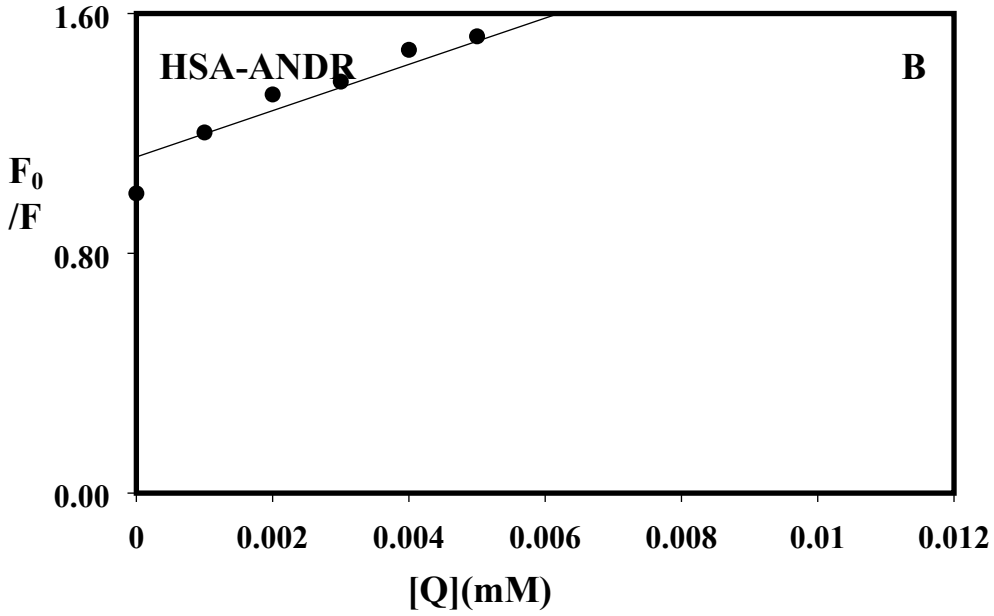

Fig.SI 2. Stern-Volmer plots of HSA-ANDR complexes showing fluorescence quenching constant (K_q). Here the plot is showing F_0/F against [Q] for ANDR.

Fig.SI 3.

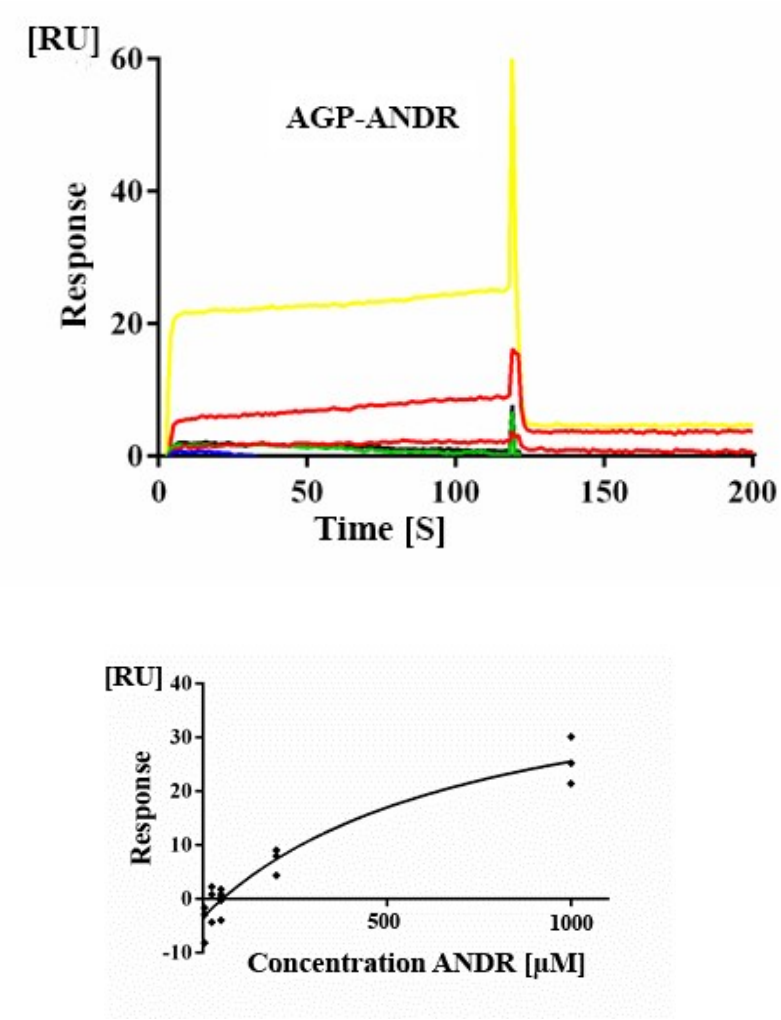

Fig.SI 3. Sensorgrams of ANDR binding to AGP immobilized on a CM 5 sensor chip (top) and respective R_{eq} values fitted to the steady state isotherm binding model (bottom). Increasing concentrations of the analyte are

denoted by different colors: 5 μM (blue), 25 μM (black), 50 μM (green), 200 μM (red) and 1000 μM (yellow) for ANDR–AGP.