```
inline void con_protein_her (cp_args& a, cph_indices i) {
        double** r = a.rs;
        double*** c = a.cl.cons;
        int cell = a.stc.cell;
        int delay_steps = r[i.delay_protein][cell] / a.sd.step_size;
        int tc = a.stc.time_cur;
        int tp = a.stc.time_prev;
        int td = WRAP(tc - delay_steps, a.sd.max_delay_size);

        // The part of the given Her protein concentration's differential equation that
        c[i.con_protein][tc][cell] =
                c[i.con_protein][tp][cell]
                + a.sd.step_size *
        (r[i.rate_synthesis][cell] * c[i.con_mrna][td][a.old_cells[i.old_cell]]
                - r[i.rate_degradation][cell] * c[i.con_protein][tp][cell]
                - 2 * r[i.rate_association][cell] * SQUARE(c[i.con_protein][tp][cell])
                + 2 * r[i.rate_dissociation][cell] * c[i.con_dimer][tp][cell]
                + a.dimer_effects[i.dimer_effect]);
}
```