1077-35-1283   **Marcello Lucia*** (`marcello.lucia@csi.cuny.edu`), Mathematics Department, 2800 Victory Blvd, New York, NY 10314, and **Dirk Horstmann**. *Steady-states for a chemotaxis system.*

We consider a model that has been proposed by Keller and Segel to describe the aggregation of a population of cells. We show that below a critical mass, the solution converges to a unique steady-state. This is a joint work with D. Horstmann. (Received September 18, 2011)