

SUPPLEMENTARY MATERIAL

corresponding to:

The past, present and future of *Dictyostelium* as a model system

SALVATORE BOZZARO

Department of Clinical and Biological Sciences, University of Turin, AOU S. Luigi, Torino, Italy

Supplementary Movie. Chemotaxis and tight aggregate formation. *Aggregation-competent cells are plated on glass and stimulated with cAMP diffusing from a microcapillary. The first part of the movie (at higher magnification) shows cells moving chemotactically toward the microcapillary. The cells are polarized with pseudopods in the front, which rapidly re-orient toward the microcapillary when this is shifted to a different location. In the second part (at lower magnification) the microcapillary is held in place, the cells stream around the microcapillary, forming end-to-end contacts, which are the result of signal relay propagating outwardly and cell-cell adhesion. Eventually a large, tight aggregate is formed.*

Full Text for this paper and **Supplementary Movie** are available at: <https://doi.org/10.1387/ijdb.190128sb>