

## **Sharon Schlesinger**

Dr. Schlesinger received her PhD from the Hebrew University Medical School under the co-supervision of Profs. Howard Cedar and Yehudit Bergman, for work revealing the epigenetic regulation of ribosomal genes during early embryogenesis. She carried out her postdoctoral research with Prof. Goff at Columbia University. Her work defined the chromatin state of silenced proviruses in embryonic stem cells. On her return to Israel, Dr. Schlesinger has collaborated with Prof. Eran Meshorer from the life science faculty of the Hebrew University in research on epigenetic regulation in pluripotent cells. Sharon joined the Smith Faculty of Agriculture, Food, and Environment four years ago, where she studies the process leading to the formation of heterochromatin de novo and the silencing of transposable elements and retroviruses. Another subject of interest in the lab is the establishment of stem cells from farm animals, specifically bovine. These cells would provide many opportunities for livestock agriculture and biomedicine application.