



FIGURE 49.3 Microscopic images of the wound healing process observed on a confluent monolayer of primary fibroblasts after injury and subsequent treatment with either a test nanoemulsion with Norway spruce resin (NE_NSR) or a control nanoemulsion (NE_blank). Images represent time intervals directly after the treatment after 10 hours and after 20 hours. Magnification is 100× (Nikon Diaphot 300).

49.4 IMPORTANT EXPERIMENTAL PARAMETERS

During investigation of cosmetic or pharmaceutical formulations with cell viability assays of human primary cells, some important aspects should be considered. On the one hand, aspects related to the formulation's physicochemical properties play an important role for the success of the experiments. On the other hand, the experimental parameters related to the cells themselves, their treatment, and the duration of the experiment are of importance.