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(54) **Title:** IMPROVEMENTS RELATING TO CELL TRANSFECTION

(57) **Abstract:** A method of preparing a slide for use in the transfection of cells is disclosed. The method comprises the steps of a) providing a biological material composition having a temperature of from 15to 25°C; b) providing the slide having a temperature of from 26to 50°C; and c) depositing the biological material composition onto a surface of the slide, to at least partially adhere the biological material composition to the slide. The biological material composition material composition may comprise siRNAor gRNA, for example. The method may provide an improved adherence of the biological material to the slide and subsequently facilitate transfection of cells on the slide. A slide produced by the method, a composition for applying to the slide and a method of transfecting a cell are also disclosed.