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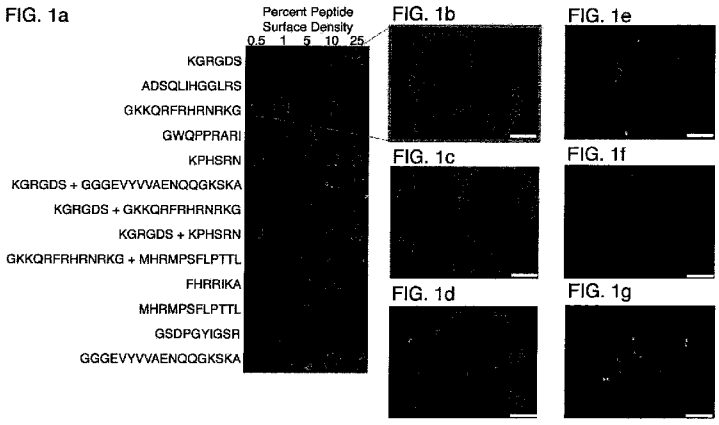
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(54) **Title**: PEPTIDE-PRESENTING SURFACES FOR LONG-TERM CULTURE OF PLURIPOTENT CELLS



(57) **Abstract**: The present invention relates to methods of growing and maintaining pluripotent cells on an insoluble substrate that presents a peptide that binds to glycosaminoglycans, such as heparin. Specifically, methods of growing and maintaining pluripotent cells on substrates having a chemically defined surface presenting at least one peptide having basic amino acid residues separated by one or two hydrophobic amino acid residues.