FIG. 1

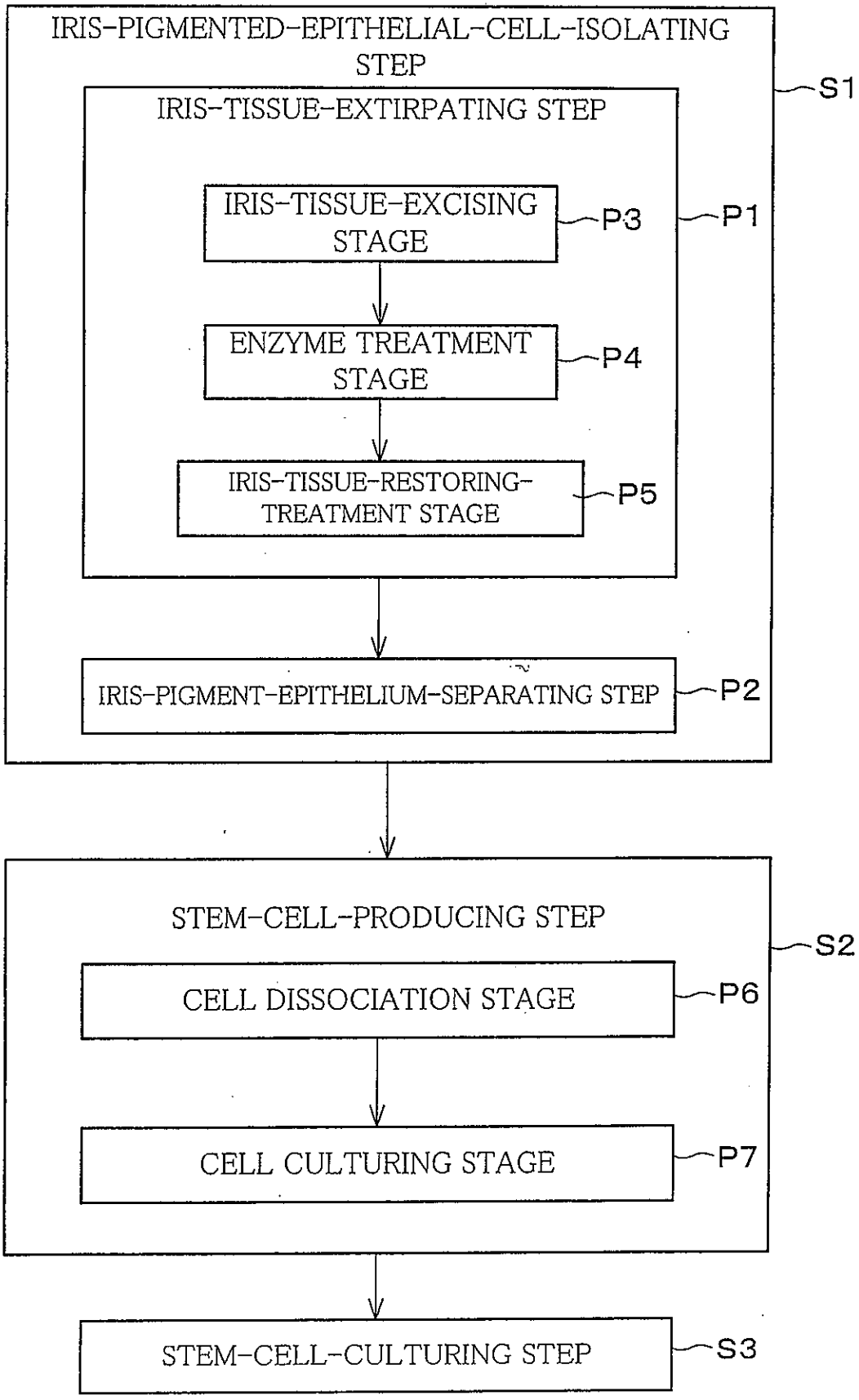

IRIS-PIGMENTED-EPITHELIAL-CELL-ISOLATING STEP
S1
IRIS-TISSUE-EXTIRPATING STEP
IRIS-TISSUE-EXCISING STAGE
P3
P1
ENZYME TREATMENT STAGE
P4
IRIS-TISSUE-RESTORING-TREATMENT STAGE
P5
IRIS-PIGMENT-EPITHELIUM-SEPARATING STEP
P2
STEM-CELL-PRODUCING STEP
S2
CELL DISSOCIATION STAGE
P6
CELL CULTURING STAGE
P7
STEM-CELL-CULTURING STEP
S3

FIG. 2

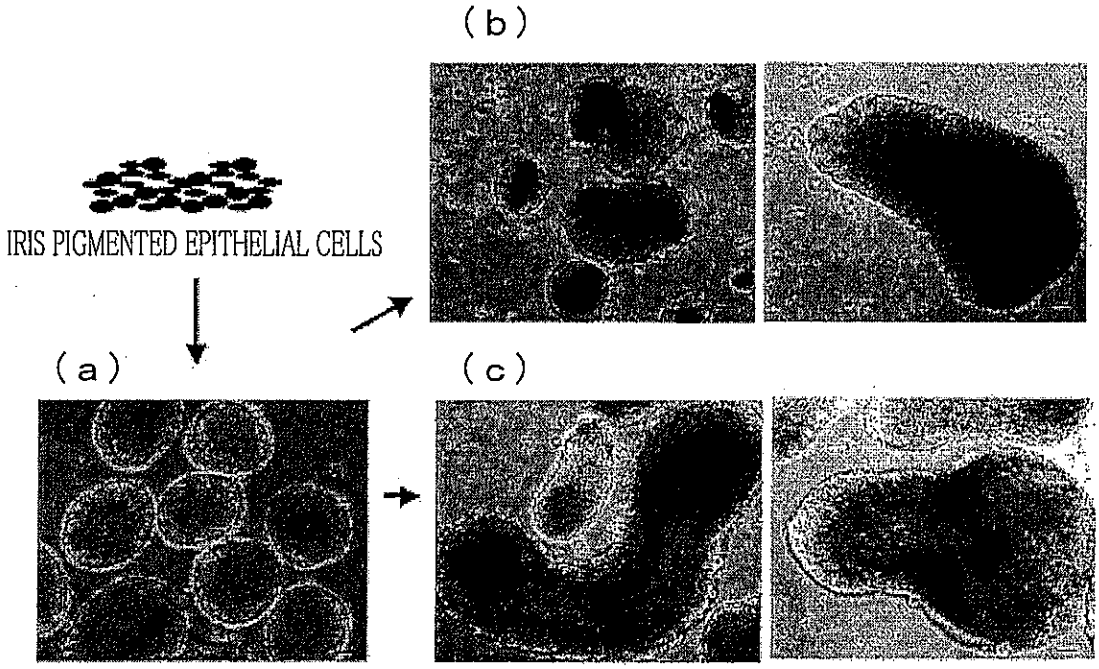


FIG. 3(a)



FIG. 3(b)

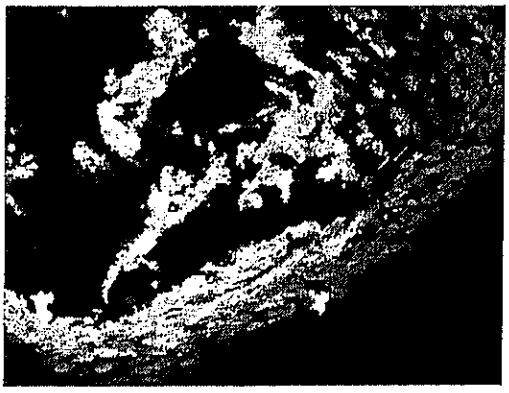


FIG. 4

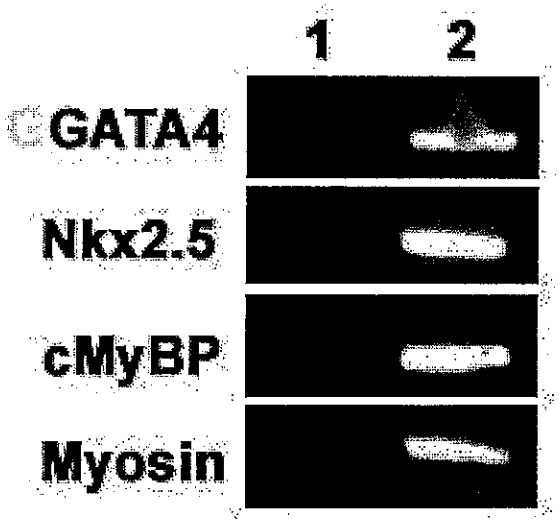


FIG. 5

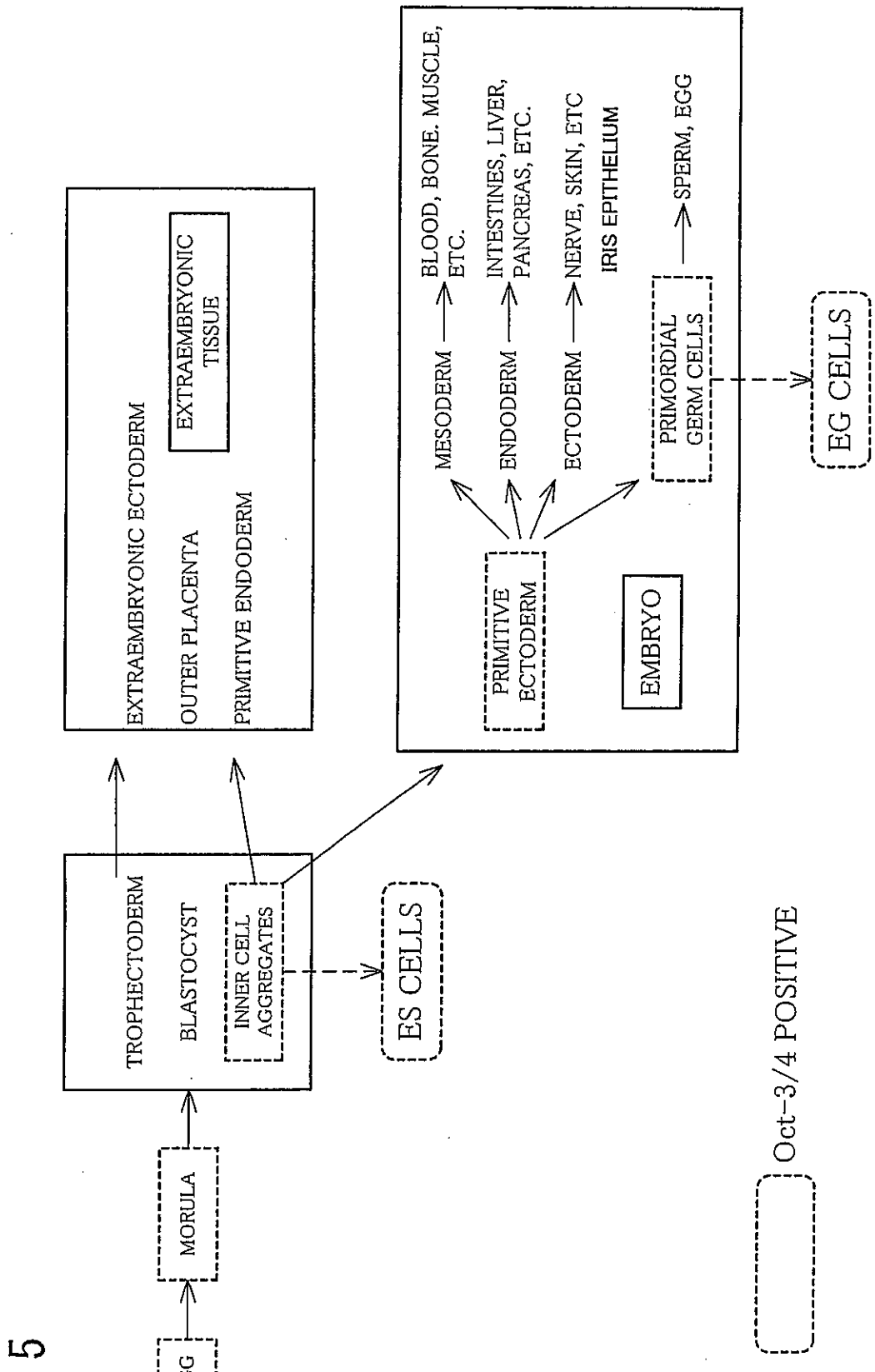
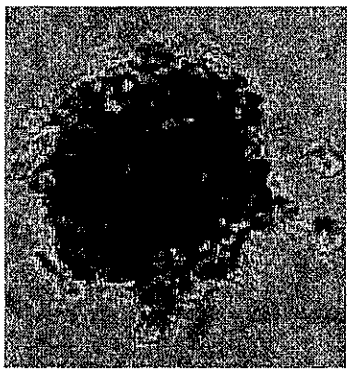
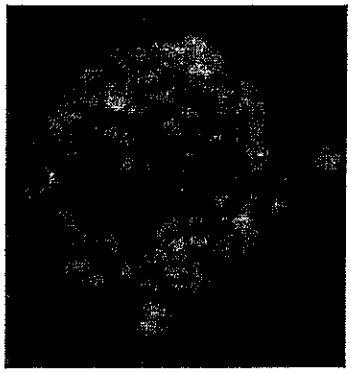

FERTILIZED EGG
MORULA
TROPHECTODERM
BLASTOCYST
INNER CELL AGGREGATES
ES CELLS
EXTRAEMBRYONIC ECTODERM
EXTRAEMBRYONIC TISSUE
OUTER PLACENTA
PRIMITIVE ENDODERM
MESODERM
BLOOD, BONE. MUSCLE, ETC.
ENDODERM
INTESTINES, LIVER, PANCREAS, ETC.
ECTODERM
NERVE, SKIN, ETC
IRIS EPITHELIUM
PRIMORDIAL GERM CELLS
SPERM, EGG
PRIMITIVE ECTODERM
EMBRYO
EG CELLS
Oct-3/4 POSITIVE

FIG. 6(a)

11-DAY-OLD RAT





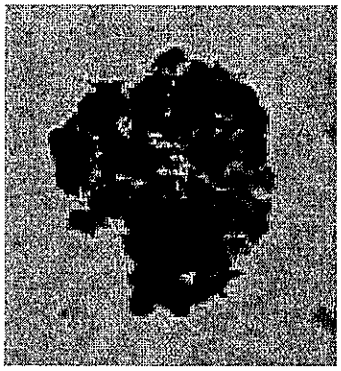
Oct-3/4

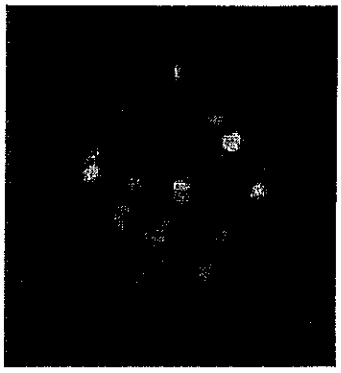


DAPI

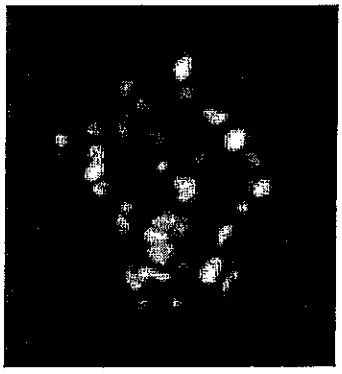
FIG. 6(b)

3-WEEK-OLD RAT





Oct-3/4



DAPI