

OX161 - ADPKD patient cystic kidney epithelial cell line

A patient-derived cell line for studying the ADPKD kidney cell phenotype

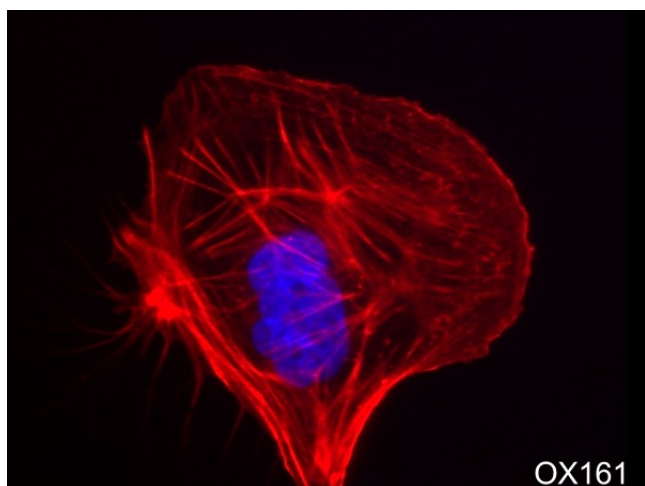
Category

Biological Materials

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The OX161 cell line is an immortalised human kidney cell line, derived from the tissue of an Autosomal-Dominant Polycystic Kidney Disease (ADPKD) patient with a PKD1 mutation.

Primary cells, isolated from surplus cystic kidney cells obtained at nephrectomy, were cultured and transduced with retroviral vectors containing a temperature-sensitive SV40T antigen and the catalytic subunit of telomerase.

Along with the [UCL93 control cell line](#), these cell lines are useful *in vitro* models to study normal and disease-specific ADPKD phenotypes or pathways.

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Keywords

Ox161, OX-161, ADPKD, Autosomal Dominant Polycystic Kidney Disease, Kidney Cells, PKD1 mutation, Renal, immortalised, immortalized

Further information

Further information on the research group and providing researcher may be found at:

<https://www.sheffield.ac.uk/medicine/people/iicd/albert-cm-ong>

Associated journal references

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