

HLBBshaw represents iPierian in the first patent for induced pluripotent stem cell technology granted by UK Intellectual Property Office

HLBBshaw is privileged to have represented iPierian as its Patent Attorneys in its successful application for a UK patent protecting a fundamental method and utility of human iPSC technology.

The patent, UK patent No [**GB2450603**](#), is the first patent related to induced pluripotent stem cell (iPSC) technology to be granted outside Japan.

The newly granted UK patent covers the generation of human iPSC cells from human postnatal cells through any combination of forced expression of genes that includes the Oct 3/4, Sox2 and Klf4 genes, so long as the combination does not include c-Myc. The elimination of c-Myc, a potentially cancer causing gene, has been an early goal of researchers in the field as an important step so that iPSC technology may one day be employed as a therapeutic for the treatment of disease. The resulting human iPSC cells have in vitro long-term self-renewal ability and can differentiate into ectoderm, mesoderm and endoderm.

The patent is already making waves in the wider scientific community with an article recently appearing in [**Nature**](#).

About HLBBshaw

HLBBshaw is a UK-based IP practice recognised for successful outcomes in high technology patent protection matters in the life sciences, chemistry and electronic areas.

The practice is uniquely organised with a corporate structure, culture and management to deliver industry-leading service standards to meet the demands of modern business. Our Mission is to build the European-based IP practice of choice for staff and clients through broad IP services designed around the needs of the people using them, delivered innovatively, commercially, internationally, professionally. iPierian was represented by patent attorneys in HLBBshaw's southern UK offices in Cambridge and Epping.

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