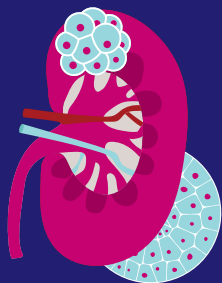


Our developing vision: Tackling kidney disease and improving patients' quality of life

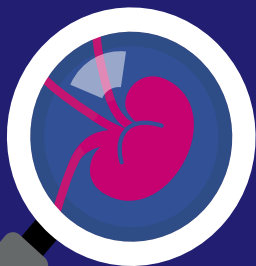
Research



Using a recipient's stem cells to recondition a donated kidney prior to transplant to improve viability of the kidney



Making simple, small human kidneys in the lab for investigating renal diseases and testing novel therapies



WITHIN 5 YEARS

What it means for patients



Improve the condition of a transplanted kidney and extend survival



Increase the number of suitable kidneys for transplant and reduce the waiting list



Reduce the risk of rejection through increased organ compatibility



Better understanding of diseases



Better therapies



Safer drugs

5-10 YEARS

Using cell-based regenerative medicine therapies to repair or regenerate damaged kidney tissue 'in situ'



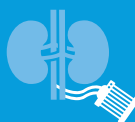
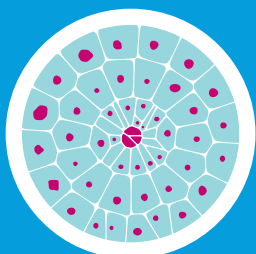
Improve kidney function in damaged kidneys



Prevent or postpone the need for dialysis and transplant

10+ YEARS

Using stem cells and cells from other parts of the body to engineer 'kidney substitutes' (e.g. renal assist devices to help improve dialysis)

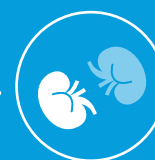
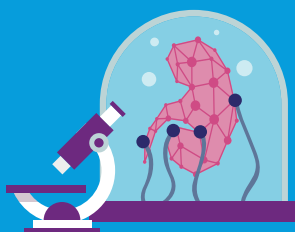


Provide patients with an alternative structure or device to support renal function



Improve health and quality of life

Using bioengineering techniques to make functional human kidneys in the lab for eventual transplant into patients



New kidneys grown from a patient's own cells to completely avoid dialysis or transplant of a donated kidney