DURDANS HOSPITAL NEWSLETTER

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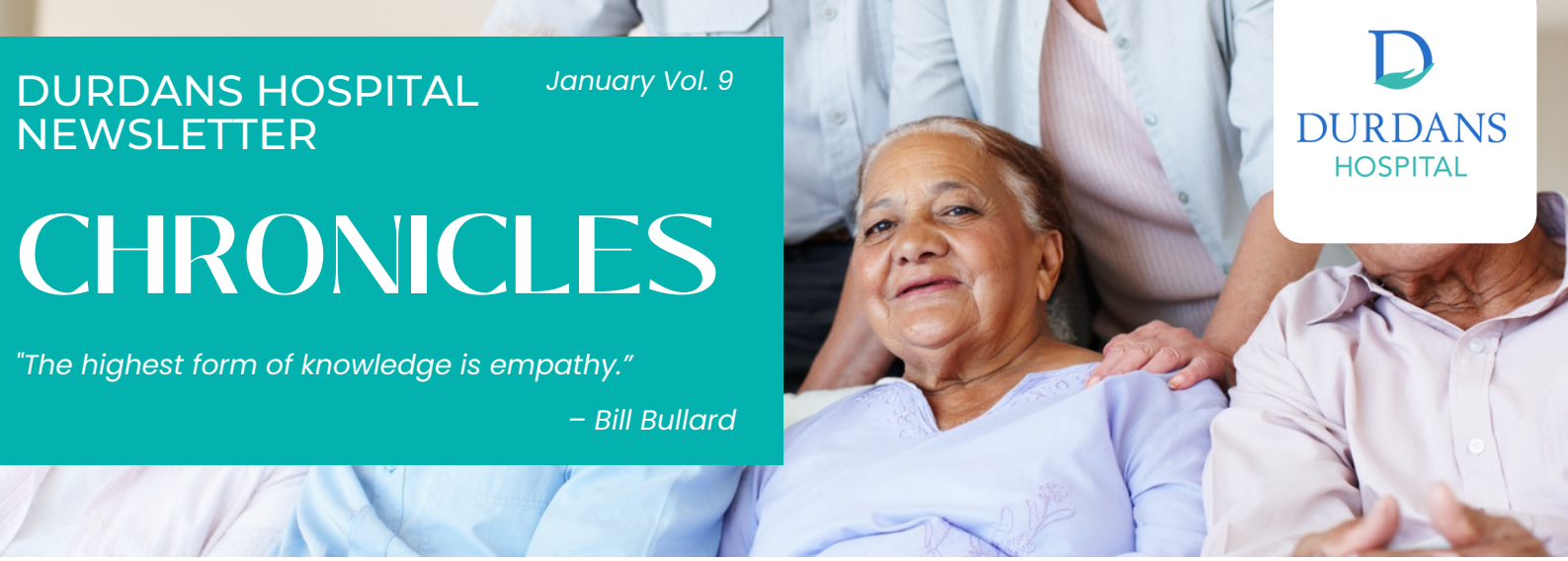
CHRONICLES

"The highest form of knowledge is empathy."

– Bill Bullard



DURDANS HOSPITAL

A SCIENTIFIC FOUNTAIN OF YOUTH

A 13-year study led by Harvard Medical School has found that degradation in the way DNA is organised and regulated, known as epigenetics, can drive ageing in an organism, independently of changes to the genetic code itself. The researchers found that a breakdown in epigenetic information causes mice to age and that restoring the integrity of the epigenome reverses these signs of ageing.

The authors believe that the findings will change the way ageing is viewed and the way age-related diseases are treated, as it is easier to manipulate the molecules that control epigenetic processes than to reverse DNA mutations. The study is still being replicated in larger mammals and humans, but the researchers hope that the results will be seen as a turning point in controlling ageing.

The researchers gave the mice a gene therapy that reversed the epigenetic changes they'd caused. A trio-gene therapy was given to the mice which restored epigenetic information the mice had in their youth!

"It's like rebooting a malfunctioning computer," said Sinclair.

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NEW YEARS CELEBRATIONS












GROUND FLOOR OPENING








Welcome!

DURDANS HOSPITAL

Ms. UTHTHARA JAYATHILAKA
Audiologist & Speech Language Pathologist
Medical Services

Dr. MURSHIDA MUNAWWAR
Medical Officer
Medical Services

Dr. CHAMINDA JAYAWARDENE
Medical Officer
Medical Services

Dr. THARUSHI PERERA
Medical Officer
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Ms. SANDYA JANAKI
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Mr. SUMUDU JAYARATHNA
Junior Business Development Executive (Laboratory)
Laboratory Services Department

Mr. DHARSHAN SIVALINGAM
Business Development Executive (Laboratory)
Laboratory Services Department

Ms. SUNETHRA RAJAPAKSHA
Business Performance Executive
Business Development

Ms. ASHINI PERERA
Procurement Executive
Supply Chain

Ms. SANDUNI WANIGASEKARA
Software Engineer
Information Communication Technology

MEDICAL CAMP AT SOS VILLAGE