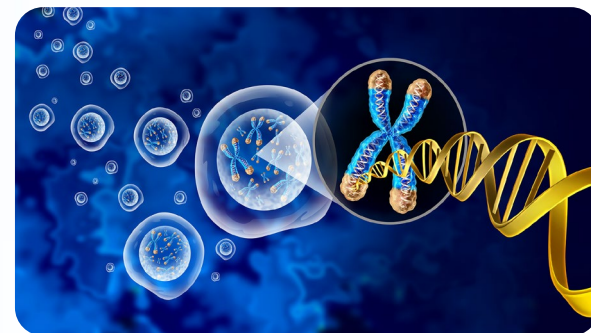


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Escaping the Silence: How X-inactivation Expression Shapes Sex-Biased Immune Cell Aging

The world is ageing, and investing in how to make elderly lives healthier is important. Elderly individuals are the most affected by the failure of the immune system associated with infectious diseases. Immune responses are sex-specific; women are less susceptible to infection but more often develop autoimmunity. Women and men differ in innate and adaptive immunity throughout life. This sex bias is not yet fully understood, but relies on a combination of hormonal and genetic factors, including the number of X chromosomes. In women, one X chromosome is inactivated to equalise the X-linked dosage between the sexes, but certain genes 'escape' X-inactivation and remain active. Since the X chromosome carries many ...



Thursday
March 13, 2025



16.30 pm
to 17.30 pm



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