



The poster features a blue and white background with a large DNA double helix on the right. On the left, three hexagonal images show a cow, a sheep, and a pig. The title 'Gene editing farm animals: the facts' is in large black font. Below it, a dotted line separates the title from the event details: 'Mercure Manchester Piccadilly' and '7th November 2024 | 10:00 - 15:30'. The BSAS logo (British Society of Animal Science) is in the bottom right corner.

Gene editing farm animals: the facts

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Mercure Manchester Piccadilly
7th November 2024 | 10:00 - 15:30

bsas
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Session 2: The Science

Speaker: Dr Simon Lillico | Roslin Institute



Bio

Dr. Simon Lillico has a B.Sc. in zoology (Edinburgh), a Masters in parasitology (Liverpool) and a Ph.D. in parasitology (Glasgow). After completing a single postdoctoral position studying African trypanosomes, Dr. Lillico joined The Roslin Institute in 2002 to produce transgenic hens that produced high value therapeutic proteins in their eggs, and transgenic livestock as models of human diseases. In recent years, he has been at the forefront of the application of genome editors in various livestock species, creating either disease resistant/resilient strains, or more accurate models of human diseases. His collaborations have included key developers of the tools, R & D companies in the livestock arena, breeding companies and international academic institutions. Dr. Lillico holds several patents in this field, and is the Editor-in-Chief of Transgenic Research.