REPURCHASE OF SHARES IN ASTRAZENECA PLC

Further to the announcement of its irrevocable, non-discretionary share repurchase programme for the period 21 February 2011 to 28 April 2011, AstraZeneca PLC announced that under the terms of that programme it purchased for cancellation 131,107 ordinary shares of AstraZeneca PLC at a price of 2921 pence per share on 6 April 2011. Upon the cancellation of these shares, the number of shares in issue will be 1,384,114,103.

A C N Kemp
Company Secretary
7 April 2011