



Silence Therapeutics plc

Holding in Company

London 5 November 2007 – Silence Therapeutics plc (the Company) announces that it received notification today that following a disposal on 31 October of 92,379 shares, MF Global UK Limited are the beneficial owners of 8,315,220 shares in the Company, representing 6.94% of the Company's total voting rights.

- Ends -

Notes to Editors

Silence Therapeutics plc (www.silence-therapeutics.com)

Silence Therapeutics plc (LSE:SLN) is a leading RNAi company. RNA interference (RNAi) can selectively 'silence' genes linked to the onset of disease.

Silence Therapeutics has developed novel, proprietary short interfering RNA ('siRNA') molecules, AtuRNAi, which provide a number of advantages over conventional siRNA molecules as they show increased stability against nuclease degradation. In addition, the Company has developed a proprietary systemic delivery system, AtuPLEX. This enables the delivery of siRNA molecules to targeted diseased tissues and cells, whilst increasing their bioavailability and intracellular uptake.

In July 2007, Silence Therapeutics formed a research and development collaboration with Astra Zeneca to develop AtuRNAi against five targets in respiratory indications. The Group's AtuRNAi technology has also been sublicensed to Pfizer by Quark Pharmaceuticals, through Quark's license of the compound RTP-801i-14 for the treatment of Age-related Macular Degeneration (AMD) and a number of other indications. This compound entered the clinic in early 2007. Quark Pharmaceuticals, Inc. has developed a further one of its proprietary compounds, AKIi-5, based on AtuRNAi technology under the existing licence from Silence Therapeutics. This compound has been granted an IND for acute kidney injury and is expected to enter the clinic in 2007. In addition, Silence Therapeutics expects to begin the clinical development of its proprietary AtuRNAi therapeutic molecules for systemic cancer indications in 2008.

Silence Therapeutics is based in London, UK, and Berlin, Germany, and is listed on AIM.

About RNAi

RNA interference (RNAi), a Nobel Prize winning technology, is one of the most exciting areas of drug discovery today. It represents a completely new approach to selectively 'silence' or inactivate disease relevant genes and as such it has the

potential to create a new class of therapeutic products. RNAi could therefore offer a therapeutic approach to a broad range of diseases (cancer, infectious diseases, inherited diseases), many of which have been regarded as incurable and are not addressed by current therapeutics, therefore providing a large market opportunity.

Forward-Looking Statements

This press release includes forward-looking statements that are subject to risks, uncertainties and other factors. These risks and uncertainties could cause actual results to differ materially from those referred to in the forward-looking statements. All forward-looking statements are based on information currently available to Silence Therapeutics and Silence Therapeutics assumes no obligation to update any such forward-looking statements.

Enquiries:

For further information, please contact the following:

Silence Therapeutics plc

+44(0)20 7307 1620

Jeff Vick, CEO

Melvyn Davies, Finance Director

Investor Relations

Citigate Dewe Rogerson

+44(0)20 7638 9571

Yvonne Alexander

David Dible

Nominated Adviser

Grant Thornton Corporate Finance

+44 (0) 20 7383 5100

Gerry Beaney

Colin Aaronson

