OphthaliX to Conduct a Retrospective Analysis of the Phase III Dry Eye Syndrome Study Data Based on the A3 Adenosine Receptor Biomarker

Petach Tikva, Israel, December 31, 2013 / OphthaliX Inc. (OTCQB: OPLI), announced today that it will conduct a retrospective analysis of the Phase III Dry Eye Syndrome study data to determine if there is a correlation between the CF101 target, the A3 adenosine receptor, expression and patients' response to the drug. This analysis is based on recent positive data from a Phase IIb Rheumatoid Arthritis study of CF101 conducted by OphthaliX's parent company, Can-Fite BioPharma Ltd., where patients were enrolled based on the expression level of the A3 adenosine receptor biomarker.

In order to perform the retrospective analysis, blood samples will be collected from patients who participated in the Phase II Dry Eye Syndrome study and analyzed for the expression of this biomarker.

About OphthaliX Inc.

OphthaliX Inc. is a clinical-stage biopharmaceutical company focused on developing therapeutic products for the treatment of ophthalmic disorders. OphthaliX's product candidate, CF101, is being developed to treat three ophthalmic indications: Dry Eye Syndrome; Glaucoma; and Uveitis.

About CF101

CF101, an A3 adenosine receptor agonist, is a novel, first in class, small molecule, orally bioavailable drug which demonstrated efficacy and an excellent safety profile in Phase II clinical studies. Through a service arrangement with its parent, Can-Fite, OphthaliX currently develops CF101 for the treatment of ophthalmic indications, including Dry Eye Syndrome (Phase III), Glaucoma (Phase II) and Uveitis (initiating Phase II). CF101 is also developed by Can-Fite for the treatment of autoimmune inflammatory diseases, including, but not limited to, Rheumatoid Arthritis (Phase IIb) and Psoriasis (Phase II/III).

Contact:

Barak Singer
barak@ophtahlix.com
+972-3-9241114

This release contains forward-looking statements regarding OphthaliX's future plans and expected performance based on assumptions the Company believes to be reasonable. A number

of risks and uncertainties could cause actual results to differ materially from these statements, including, without limitation, the success rate of business development efforts and the timeliness of development activities, and other risk factors described from time to time in the Company's reports filed with the SEC. In addition, the Company operates in an industry sector where securities values are highly volatile and may be influenced by economic and other factors beyond the Company's control. OphthaliX undertakes no obligation to publicly update these forward-looking statements, whether as a result of new information, future events or otherwise.