

IR BIOSCIENCES HOLDINGS INC  
Form AW  
June 21, 2007

**IR BIOSCIENCES HOLDINGS, INC.**

4021 North 75th Street  
Suite 201  
Scottsdale, Arizona 85251

June 21, 2007

**VIA EDGAR AND FEDERAL EXPRESS**

Division of Corporation Finance  
United States Securities and Exchange Commission  
100 F Street, North East  
Washington, D.C. 20549  
Attn: Goldie Walker

Re: IR BioSciences Holdings, Inc.  
Amendment No. 1 to Registration Statement on Form SB-2/A  
File No: 333-143756  
Form AW Application for Withdrawal

Dear Ms. Walker:

Pursuant to the request made by your office, please accept this as the above registrant's application for withdrawal of the above Amendment No. 1 to the Registration Statement filed on June 19, 2007. The purpose of withdrawal is that the above Amendment No. 1 to Registration Statement should be filed as a new Registration Statement not an Amendment. We will re-file a new Registration Statement today.

Sincerely,

**IR BioSciences Holdings, Inc.**

/s/ Michael K. Wilhelm  
Name: Michael K. Wilhelm  
Title: Chief Executive Officer