



## **Aptar Pharma Partners with Kali Care to Develop Real-Time Medication Management Technology**

Crystal Lake, Illinois, May 2, 2017

Aptar Pharma and Kali Care have announced that they entered into a partnership in order to address the challenge of monitoring adherence in ophthalmic clinical trials. The combination of Aptar Pharma's ophthalmic device expertise, and Kali Care's ground-breaking digital monitoring system for ophthalmic medications, is likely to have a significant impact in reducing the costs and complexity of ophthalmic clinical trials.

Kali Care, a Silicon Valley-based technology company, provides a revolutionary sensor technology which allows clinicians to replace adherence assumptions in clinical trials with collected real-time data.

This represents the latest step for Aptar Pharma in the development of drug delivery devices and collaborations in the connected health space.

### **Combining the Silicon Valley Spirit with Proven Expertise in Drug Delivery Systems**

Aptar Pharma has been setting the standard for the drug delivery industry for decades. This strategic collaboration once again underlines the company's continuous efforts in breaking new ground in innovative healthcare technologies.

Sina Fateh, MD, Founder and CEO of Kali Care, explained that because Aptar Pharma is well-respected for its proven regulatory expertise, this will help his company move forward through approval and compliance processes.

Aptar Pharma's ability to support complex projects and meet the challenging and changing regulatory requirements was recently demonstrated by [their collaboration with Allergan](#) on launching the first FDA-approved prescription preservative-free ophthalmic multidose product (Restasis MultiDose™).

## **Meeting the Needs of Patients and Clinicians**

Using eye drops as a drug delivery system has its own set of challenges which must be recognized and addressed at the clinical level. Clinical trials benefit from more accurate and timely data collection and management.

For ophthalmologists, the ability to see the medication adherence score of patients with glaucoma is a powerful tool in managing treatment plans.

## **Enhancing Clinical Information**

Kali Care has developed the first digital monitoring system for ophthalmic medications. Kali Care's monitoring technology integrates smart sensors, data analytics and cloud services.

With soaring clinical trial costs and complexity, the biopharmaceutical industry is constantly seeking new approaches to improve efficiency and productivity. In clinical trials, the Kali Care system replaces usage assumptions and self-reporting related to medication adherence. This can result in shorter and more efficient clinical trials. The Kali Care Adherence Score provides critical information for explaining the incongruity between recommended treatment and actual treatment outcomes.

## **Staying Ahead of the Market**

Combined with the recent breakthrough of Aptar Pharma's ophthalmic drug delivery systems, Kali Care's revolutionary sensor technology opens new opportunities for the monitoring of patient adherence.

In a joint statement, Salim Haffar, President of Aptar Pharma, and Sina Fateh, MD, highlighted the advantages associated with combining unrivalled microbiological safety and revolutionary sensor technology, "Clinicians are now able to rely on objective and accurate data. Aptar Pharma's leading dispensing technologies combined with Kali Care's smart sensors, data analytics and cloud services will help make clinical trials more efficient and effective. This allows ophthalmologists to improve risk strategies to distinguish patients requiring minimal support from those who require closer monitoring."

## About Aptar Pharma

Aptar Pharma is part of AptarGroup, Inc. (NYSE: ATR), a leading global supplier of a broad range of innovative dispensing and sealing solutions for the beauty, personal care, home care, prescription drug, consumer health care, injectables, food and beverage markets. AptarGroup is headquartered in Crystal Lake, Illinois, with manufacturing facilities in North America, Europe, Asia and South America. For more information, visit [aptar.com/pharma](http://aptar.com/pharma).

*This press release contains forward-looking statements. Words such as “expects,” “anticipates,” “believes,” “estimates,” “future” and other similar expressions or future or conditional verbs such as “will,” “should,” “would” and “could” are intended to identify such forward-looking statements. Forward-looking statements are made pursuant to the safe harbor provisions of Section 27A of the Securities Act of 1933 and Section 21E of the Securities Exchange Act of 1934 and are based on our beliefs as well as assumptions made by and information currently available to us. Accordingly, our actual results may differ materially from those expressed or implied in such forward-looking statements due to known or unknown risks and uncertainties that exist in our operations and business environment. Additionally, forward-looking statements include statements that do not relate solely to historical facts, such as statements which identify uncertainties or trends, discuss the possible future effects of current known trends or uncertainties or which indicate that the future effects of known trends or uncertainties cannot be predicted, guaranteed or assured. For additional information on these and other risks and uncertainties, please see our filings with the Securities and Exchange Commission, including the discussion under “Risk Factors” and “Management’s Discussion and Analysis of Financial Condition and Results of Operations” in our Form 10-Ks and Form 10-Qs. We undertake no obligation to update any forward-looking statements, whether as a result of new information, future events or otherwise.*

# # #

### **Media Contact:**

Carolyn Penot  
Aptar Pharma  
+33 1 39 17 20 38  
carolyn.penot@aptar.com

### **Investor Relations Contact:**

Matthew DellaMaria  
AptarGroup, Inc.  
+1 815 477 0424  
matt.dellamaria@aptar.com