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**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION**  
Washington, D.C. 20549

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Post-Effective Amendment No. 1 to Form S-8 Registration Statement No. 333-222254  
Post-Effective Amendment No. 1 to Form S-8 Registration Statement No. 333-206133  
Post-Effective Amendment No. 1 to Form S-8 Registration Statement No. 333-193513  
Post-Effective Amendment No. 1 to Form S-8 Registration Statement No. 333-105083

**POST-EFFECTIVE AMENDMENT NO. 1  
TO  
FORM S-8  
REGISTRATION STATEMENT**  
*UNDER  
THE SECURITIES ACT OF 1933*

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**Adynxx, Inc.**

(Exact name of registrant as specified in its charter)

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Delaware  
(State or other jurisdiction of  
incorporation or organization)

58-2349413  
(I.R.S. Employer  
Identification No.)

100 Pine Street, Suite 500  
San Francisco, CA 94111  
(Address of principal executive offices)

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**Alliqua BioMedical, Inc. 2014 Long-Term Incentive Plan  
Alliqua, Inc. 2011 Long-Term Incentive Plan**

Nonqualified Stock Option Agreement, dated as of July 31, 2012, by and between Alliqua, Inc. and Stephen Brigido  
Nonqualified Stock Option Agreement, dated as of August 15, 2012, by and between Alliqua, Inc. and Harold Schoenhaus  
Nonqualified Stock Option Agreement, dated as of September 19, 2012, by and between Alliqua, Inc. and Robert Taggart  
Nonqualified Stock Option Agreement, dated as of September 19, 2012, by and between Alliqua, Inc. and Troy Taggart  
Nonqualified Stock Option Agreement, dated as of November 5, 2012, by and between Alliqua, Inc. and James Sapirstein  
Restricted Stock Unit Award Agreement, dated as of November 5, 2012, by and between Alliqua, Inc. and James Sapirstein  
Nonqualified Stock Option Agreement, dated as of November 27, 2012, by and between Alliqua, Inc. and Steven Berger  
Nonqualified Stock Option Agreement, dated as of November 27, 2012, by and between Alliqua, Inc. and Joseph Leone  
Nonqualified Stock Option Agreement, dated as of November 27, 2012, by and between Alliqua, Inc. and Kenneth Londoner  
Nonqualified Stock Option Agreement, dated as of November 27, 2012, by and between Alliqua, Inc. and Benjamin Mayer  
Nonqualified Stock Option Agreement, dated as of November 27, 2012, by and between Alliqua, Inc. and Kenneth Pearsons, M.D.  
Nonqualified Stock Option Agreement, dated as of November 27, 2012, by and between Alliqua, Inc. and Jeffrey Sklar  
Nonqualified Stock Option Agreement, dated as of November 27, 2012, by and between Alliqua, Inc. and Jerome Zeldis, M.D., Ph.D.  
Nonqualified Stock Option Agreement, dated as of November 27, 2012, by and between Alliqua, Inc. and Jerome Zeldis, M.D., Ph.D.  
Nonqualified Stock Option Agreement, dated as of November 29, 2012, by and between Alliqua, Inc. and David Johnson  
Nonqualified Stock Option Agreement, dated as of April 9, 2013, by and between Alliqua, Inc. and Ronald Harland  
Nonqualified Stock Option Agreement, dated as of May 10, 2013, by and between Alliqua, Inc. and Bradford Barton  
Nonqualified Stock Option Agreement, dated as of May 10, 2013, by and between Alliqua, Inc. and Phil Forman  
Nonqualified Stock Option Agreement, dated as of May 10, 2013, by and between Alliqua, Inc. and Phil Forman  
Nonqualified Stock Option Agreement, dated as of May 10, 2013, by and between Alliqua, Inc. and Carolyn Kong  
Nonqualified Stock Option Agreement, dated as of May 10, 2013, by and between Alliqua, Inc. and Joseph Laudano  
Nonqualified Stock Option Agreement, dated as of May 10, 2013, by and between Alliqua, Inc. and Kenneth Londoner  
Nonqualified Stock Option Agreement, dated as of May 10, 2013, by and between Alliqua, Inc. and Ferenc Makra  
Nonqualified Stock Option Agreement, dated as of May 10, 2013, by and between Alliqua, Inc. and Dave Moskowitz  
Nonqualified Stock Option Agreement, dated as of May 10, 2013, by and between Alliqua, Inc. and Lori Toner  
Nonqualified Stock Option Agreement, dated as of May 30, 2013, by and between Alliqua, Inc. and Matt Harrington  
Nonqualified Stock Option Agreement, dated as of May 30, 2013, by and between Alliqua, Inc. and Andrew Munts  
Nonqualified Stock Option Agreement, dated as of July 22, 2013, by and between Alliqua, Inc. and Jerome Zeldis, M.D., Ph.D.  
Nonqualified Stock Option Agreement, dated as of August 15, 2013, by and between Alliqua, Inc. and Jordan Warshafsky

Nonqualified Stock Option Agreement, dated as of September 3, 2013, by and between Alliqua, Inc. and Steven Berger  
Nonqualified Stock Option Agreement, dated as of September 3, 2013, by and between Alliqua, Inc. and Brian Posner  
Nonqualified Stock Option Agreement, dated as of August 28, 2013, by and between Alliqua, Inc. and Maurice Deutsch  
Nonqualified Stock Option Agreement, dated as of November 14, 2013, by and between Alliqua, Inc. and Douglas Cress  
Nonqualified Stock Option Agreement, dated as of November 14, 2013, by and between Alliqua, Inc. and Justin Schreiber  
Nonqualified Stock Option Agreement, dated as of November 14, 2013, by and between Alliqua, Inc. and David Johnson  
Nonqualified Stock Option Agreement, dated as of November 15, 2013, by and between Alliqua, Inc. and Kwon Lee  
Nonqualified Stock Option Agreement, dated as of December 20, 2013, by and between the Company and David Johnson  
Nonqualified Stock Option Agreement, dated as of December 20, 2013, by and between Alliqua, Inc. and Jessica Price  
Nonqualified Stock Option Agreement, dated as of January 6, 2014, by and between Alliqua, Inc. and Maria-Luisa Belmar  
Nonqualified Stock Option Agreement, dated as of January 6, 2014, by and between Alliqua, Inc. and Melissa Boyle  
Nonqualified Stock Option Agreement, dated as of January 6, 2014, by and between Alliqua, Inc. and Leslie Coco  
Nonqualified Stock Option Agreement, dated as of January 6, 2014, by and between Alliqua, Inc. and Rob Dent  
Nonqualified Stock Option Agreement, dated as of January 6, 2014, by and between Alliqua, Inc. and Jon Landis  
Nonqualified Stock Option Agreement, dated as of January 6, 2014, by and between Alliqua, Inc. and Janice Smiell  
Restricted Stock Award Agreement, dated as of January 6, 2014, by and between the Company and David Johnson  
Option Cancellation and Release Agreement, dated as of January 6, 2014, by and between the Company and Richard Rosenblum  
Option Cancellation and Release Agreement, dated as of January 6, 2014, by and between the Company and David Stefansky  
Nonqualified Stock Option Agreement, dated as of January 13, 2014, by and between Alliqua, Inc. and Dawn M. Gabriel  
HepaLife Technologies, Inc. (Formerly Zeta Corporation) 2001 Incentive Stock Plan  
(Full title of the plans)

Rick Orr  
President and Chief Executive Officer  
Adynxx, Inc.  
100 Pine Street, Suite 500  
San Francisco, CA 94111  
(415) 512-7740

(Name, address, including zip code, and telephone number, including area code, of agent for service)

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*Copies to:*  
Laura A. Berezin  
John T. McKenna  
Cooley LLP  
3175 Hanover Street  
Palo Alto, California 94304  
(650) 843-5000

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Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, a smaller reporting company, or an emerging growth company. See the definitions of "large accelerated filer," "accelerated filer," "smaller reporting company," and "emerging growth company" in Rule 12b-2 of the Exchange Act.

Large accelerated filer   
Non-accelerated filer   
Emerging growth company

Accelerated filer   
Smaller reporting company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 7(a)(2)(B) of the Securities Act.

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## DEREGISTRATION OF SECURITIES

Adynxx, Inc. (the "Registrant") is filing these Post-Effective Amendments to its Registration Statements on Form S-8 to withdraw and remove from registration the unissued and unsold shares of the Registrant's common stock, par value \$0.001 per share (the "Common Stock"), issuable by the Registrant pursuant to its 2014 Long-Term Incentive Plan, 2011 Long-Term Incentive Plan, 2001 Incentive Stock Plan and pursuant to various non-plan grants of shares previously registered by the Registrant pursuant to the following registration statements:

- Registration Statement on Form S-8 (File No. 333-222254), filed with the Securities and Exchange Commission on December 22, 2017;
- Registration Statement on Form S-8 (File No. 333-206133), filed with the Securities and Exchange Commission on August 6, 2015; and
- Registration Statement on Form S-8 (File No. 333-193513), filed with the Securities and Exchange Commission on January 23, 2014; and
- Registration Statement on Form S-8 (File No. 333-105083), filed with the Securities and Exchange Commission on May 8, 2003 (collectively, the "Registration Statements").

The Registrant has terminated all offerings of its Common Stock pursuant to the Registration Statements. In accordance with an undertaking made by the Registrant in the Registration Statements to remove from registration, by means of a post-effective amendment, any of the securities that had been registered for issuance that remain unsold at the termination of the offering, the Registrant hereby removes from registration all of such securities of the Registrant registered but which remain unsold and unissued under the Registration Statements as of the date hereof.

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## SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, as amended, the Registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-8 and has duly caused these Post-Effective Amendments to the Registration Statements to be signed on its behalf by the undersigned, thereunto duly authorized on March 20, 2020.

### Adynxx, Inc.

By: /s/ Rick Orr

Rick Orr

*President and Chief Executive Officer*

Pursuant to the requirements of the Securities Act of 1933, as amended, these Post-Effective Amendments to the Registration Statements have been signed by the following persons in the capacities and on the dates indicated.

<u>Signature</u>	<u>Title</u>	<u>Date</u>
<u>/s/ Rick Orr</u> Rick Orr	President and Chief Executive Officer and Director <i>(Principal Executive Officer and Principal Financial Officer)</i>	March 20, 2020
<u>/s/ Dina Gonzalez</u> Dina Gonzalez	Controller <i>(Principal Accounting Officer)</i>	March 20, 2020
<u>/s/ Dennis Podlesak</u> Dennis Podlesak	Director	March 20, 2020
<u>/s/ Stan Abel</u> Stan Abel	Director	March 20, 2020
<u>/s/ Gregory J. Flesher</u> Gregory J. Flesher	Director	March 20, 2020
<u>/s/ Julien Mamet, Ph.D.</u> Julien Mamet, Ph.D.	Director	March 20, 2020
<u>/s/ Matthew Ruth</u> Matthew Ruth	Director	March 20, 2020
<u>/s/ Eckard Weber, M.D.</u> Eckard Weber, M.D.	Director	March 20, 2020

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