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

FORM 6-K

REPORT OF FOREIGN PRIVATE ISSUER PURSUANT TO RULE 13a-16 OR 15d-16 UNDER THE SECURITIES EXCHANGE ACT OF 1934

For the month of January, 2019

Commission File Number: 001-37891

AC IMMUNE SA

(Exact name of registrant as specified in its charter)

EPFL Innovation Park
Building B
1015 Lausanne, Switzerland
(Address of principal executive office)

Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F:

Form 20-F X Form 40-F _____

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1):

Yes _____ No X

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7):

Yes _____ No X

INCORPORATION BY REFERENCE

This report on Form 6-K and exhibit 99.1 hereto shall be deemed to be incorporated by reference into the registration statement on Form F-3 (Registration Number: 333-224694), the registration statement on Form F-3 (Registration Number: 333-227016) and the registration statement on Form S-8 (Registration Number: 333-216539) of AC Immune SA and to be a part thereof from the date on which this report is filed, to the extent not superseded by documents or reports subsequently filed or furnished.

SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

AC IMMUNE SA

By: /s/ Andrea Pfeifer
Name: Andrea Pfeifer
Title: Chief Executive Officer

By: /s/ Joerg Hornstein
Name: Joerg Hornstein
Title: Chief Financial Officer

Date: January 30, 2019

EXHIBIT INDEX

Exhibit Number	Description
99.1	Press Release dated January 30, 2019

PRESS RELEASE

AC Immune Reports Discontinuation of Phase III CREAD 1 and 2 Studies of Crenezumab in Alzheimer's Disease

- **Decision follows Independent Data Monitoring Committee analysis**
- **The Alzheimer's Prevention Initiative (API) study of crenezumab in familial Alzheimer's disease continues**
- **The Phase II anti-tau TAURIEL trial led by Roche in partnership with AC Immune continues**

Lausanne, Switzerland, January 30, 2019 – AC Immune SA (NASDAQ:ACIU) announced today that Roche, the parent company of its collaboration partner, is discontinuing the CREAD 1 and CREAD 2 (BN29552 and BN 29553) Phase III studies of the investigational anti-beta-amyloid molecule, crenezumab, in people with prodromal to mild sporadic Alzheimer's disease (AD). The decision came after an interim analysis conducted by the Independent Data Monitoring Committee (IDMC). Alzheimer's disease (AD) is a progressive, fatal disease that gradually destroys memory, thinking skills and problem solving, and impairs daily functioning such as the ability to manage one's own activities.

The IDMC analysis indicated that crenezumab was unlikely to meet its primary endpoint of change from baseline in Clinical Dementia Rating-Sum of Boxes (CDR-SB) Score. This decision was not related to safety of the investigational product. No safety signals for crenezumab were observed in this analysis and the overall safety profile was similar to that seen in previous trials.

Crenezumab continues to be studied in a landmark trial of cognitively healthy individuals in Colombia with an autosomal dominant mutation who are at risk of developing familial AD (fAD), under the Alzheimer's Prevention Initiative (API), which began in 2013. This study will determine if treating people carrying this mutation with crenezumab prior to the onset of AD symptoms will slow or prevent the decline of cognitive and functional abilities. This study is in collaboration with the Banner Institute and is funded by the National Institute on Aging.

Data from the CREAD 1 and 2 studies will be made available to the scientific community by Roche at an upcoming scientific meeting. AC Immune looks forward to receiving and reviewing the data in detail and sharing it as appropriate following peer review.

CREAD 1 and 2 were two-year global, randomized, double-blind, placebo-controlled, parallel-group Phase III studies testing the efficacy and safety of crenezumab in 1,500 patients worldwide with early AD with confirmed evidence of cerebral beta amyloid pathology (CSF or amyloid PET). These studies used doses four times higher than that studied in the Phase II trials. CREAD 1 was initiated in early 2016 and CREAD 2 in mid-2017.

As reported by Roche today, the TAURIEL Phase II trial of an anti-tau antibody (RG-6100) in Alzheimer's disease, run by Roche in partnership with AC Immune will continue.

Prof. Andrea Pfeifer, CEO of AC Immune, said: "We are extremely disappointed about the outcome of the Phase III CREAD 1 interim analysis and we also would like to thank patients and caregivers for their participation. We continue to be optimistic about the potential future of crenezumab as we await the outcome of the Colombian API study to prevent AD symptoms in patients with familial AD to see if the antibody treatment may provide disease-modifying effects in patients with early-onset disease."

Dr. Pfeifer continued, "We remain committed to our on-going pre-clinical and clinical candidates targeting Tau and neuro-inflammation to treat Alzheimer's disease, neuro-orphan diseases and Parkinson's disease, which are partnered with five leading pharmaceutical partners, including Roche's subsidiary Genentech."

About the Molecules and Development Programs in Collaboration with Roche

The development of crenezumab is being led by Roche and was discovered by AC Immune SA. The companies entered into a research collaboration and license agreement as of November 6, 2006. Crenezumab is an investigational, monoclonal antibody designed to preferentially bind to and promote removal of neurotoxic oligomers, a form of beta-amyloid. Crenezumab has an antibody backbone (IgG4) designed to minimize the inflammatory response in the brain, which may result in a lower risk of certain MRI (magnetic resonance imaging) abnormalities known as ARIA (Amyloid-Related Imaging Abnormalities).

RG6100 (anti-tau) is an investigational, monoclonal IgG4 antibody that binds to multiple tau species. This antibody is also part of a collaboration with Roche. It is proposed to slow the prion-like propagation of tau pathology in AD. Tau pathology spreads with a characteristic spatiotemporal pattern throughout the brain, coinciding with both clinical symptoms and disease progression in AD. Slowing the propagation of tau pathology may therefore slow disease progression and reduce cognitive decline. Anti-tau therapies have shown progress in slowing the progression of tau pathology in animal models of tauopathy. RG6100 is currently in Phase II clinical evaluation for its potential to slow or stop the progression of AD.

About AC Immune

AC Immune is a NASDAQ-listed, clinical-stage biopharmaceutical company, with a vision to deliver precision medicine to people around the globe with neurodegenerative diseases. The company designs, discovers and develops therapeutic and diagnostic products to prevent and modify diseases caused by misfolding proteins. AC Immune's two proprietary technology platforms create antibodies, small molecules and vaccines designed to address a broad spectrum of neurodegenerative indications, such as Alzheimer's disease (AD). The company's pipeline features nine therapeutic and three diagnostic candidates – with five products in clinical trials.

For further information, please contact:

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Forward looking statements

This press release contains statements that constitute “forward-looking statements” within the meaning of Section 27A of the Securities Act of 1933 and Section 21E of the Securities Exchange Act of 1934. Forward-looking statements are statements other than historical fact and may include statements that address future operating, financial or business performance or AC Immune’s strategies or expectations. In some cases, you can identify these statements by forward-looking words such as “may,” “might,” “will,” “should,” “expects,” “plans,” “anticipates,” “believes,” “estimates,” “predicts,” “projects,” “potential,” “outlook” or “continue,” and other comparable terminology. Forward-looking statements are based on management’s current expectations and beliefs and involve significant risks and uncertainties that could cause actual results, developments and business decisions to differ materially from those contemplated by these statements. These risks and uncertainties include those described under the captions “Item 3. Key Information – Risk Factors” and “Item 5. Operating and Financial Review and Prospects” in AC Immune’s Annual Report on Form 20-F and other filings with the Securities and Exchange Commission. Forward-looking statements speak only as of the date they are made, and AC Immune does not undertake any obligation to update them in light of new information, future developments or otherwise, except as may be required under applicable law. All forward-looking statements are qualified in their entirety by this cautionary statement.