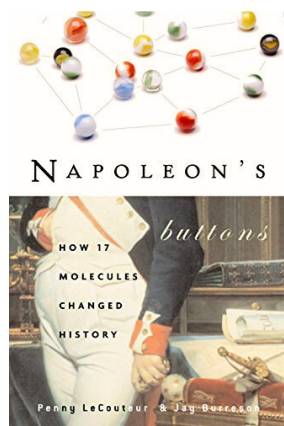


# The Periodical

THE OFFICIAL WEEKLY NEWSLETTER OF CSUP CHEMISTRY CLUB

## Novel of the Week



*Napoleon's Buttons* narrates the tales of 17 molecules that reformed the course of history. These molecules, such as the tin of the greatcoat buttons of Napoleon's army, started early exploration and enabled several voyages of discovery, resulting in astonishing feats of engineering and advances in fields such as medicine.



## For Villa Bella

CSUP will be hosting a STEM Day for Villa Bella Expeditionary School for grades 5 and younger. Activities will take place on Wednesday May 17th from 9-2 pm with 50 students per hour session.



SCAN QR CODE AND SIGN UP TO PARTICIPATE IN STEM DAY!

## Reminders



### STUDENT CHOICE AWARDS

NOMINATE OUTSTANDING STAFF/FACULTY MEMBERS

SHOW APPRECIATION TO THOSE WHO SUPPORT YOU DURING YOUR SCHOOL JOURNEY.

SCAN QR CODE FOR FORM



### Interested in Joining Chemistry Club?

Apply by scanning the QR code below and filling out the form.



## ΒΕΤΑ ΒΕΤΑ ΒΕΤΑ

National Biological Honor Society  
South Central Region



### TRI BETA CONFERENCE

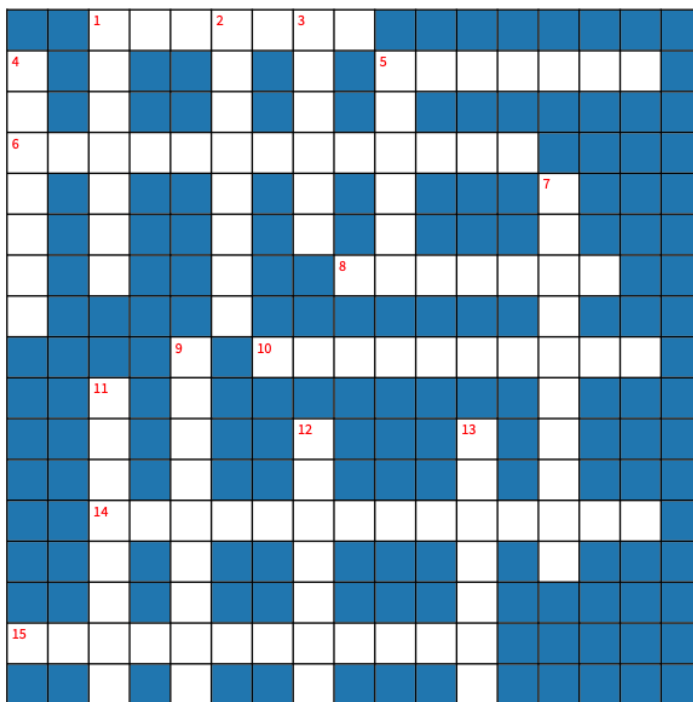
*Beta Beta Beta (TriBeta) is a society for students, particularly undergraduates, dedicated to improving the understanding and appreciation of biological study and extending boundaries of human knowledge through scientific research. Since its founding in 1922, more than 200,000 persons have been accepted into lifetime membership, and more than 320 chapters have been established throughout the United States and Puerto Rico.*

*This year's 2023 Conference for Colorado State University Pueblo & Fort Collins as well as University of Northern Colorado Chapters W-1 District Convention will be held April 14-15 at CSU Pueblo! There will be 50 student presenters presenting 35 poster presentations in the Occhiato Student Center 4/15 from 8-11:45 AM.*

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## Organic chemistry



### Across

- 1 Hydrocarbons consisting of molecules with only single bonds between their carbon atoms (7)
- 5 The alcohol produced by fermentation of sugars (7)
- 6 An anagram of 'storming teeth' - this type of polymer has covalent bonds between its polymer chains (13)
- 8 Compounds with the same chemical formula but different structures (7)
- 10 This sort of series is a 'family' of organic compounds (10)
- 14 Toxic gas formed by incomplete combustion of hydrocarbons (6,8)
- 15 Sounds a bit wet - nylon and polyester are examples of this type of polymer (12)

### Down

- 1 Hydrocarbons consisting of molecules with at least one C=C bond (7)
- 2 A homologous series of compounds containing the hydroxyl group, -OH (8)
- 3 The simplest alkene (6)
- 4 The simplest alkane (7)
- 5 Fruity substances made by reacting an alcohol with a carboxylic acid (6)
- 7 Type of organic acid containing the -COOH group (10)
- 9 Describes a hydrocarbon containing no C=C bonds (9)
- 11 Process used to break larger alkanes into smaller alkanes and alkenes (8)
- 12 This food flavouring is a dilute solution of ethanoic acid (7)
- 13 Orange-brown element that turns colourless when mixed with alkenes (7)



for the answer key please scan the QR Code