14–16 years

Presenting investigations: academic posters

ROYAL SOCIETY OF CHEMISTRY

Education
Inspiring your teaching and learning

https://rsc.li/3FWp45U

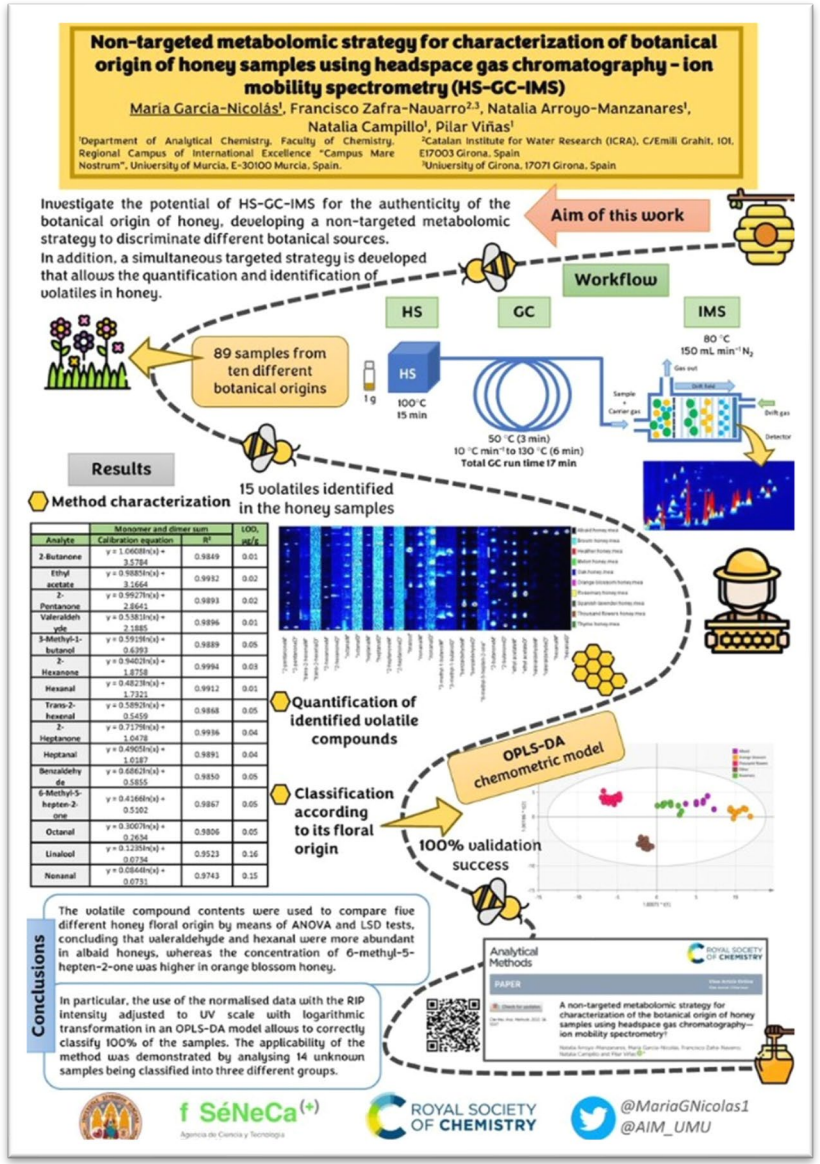
Learning objectives

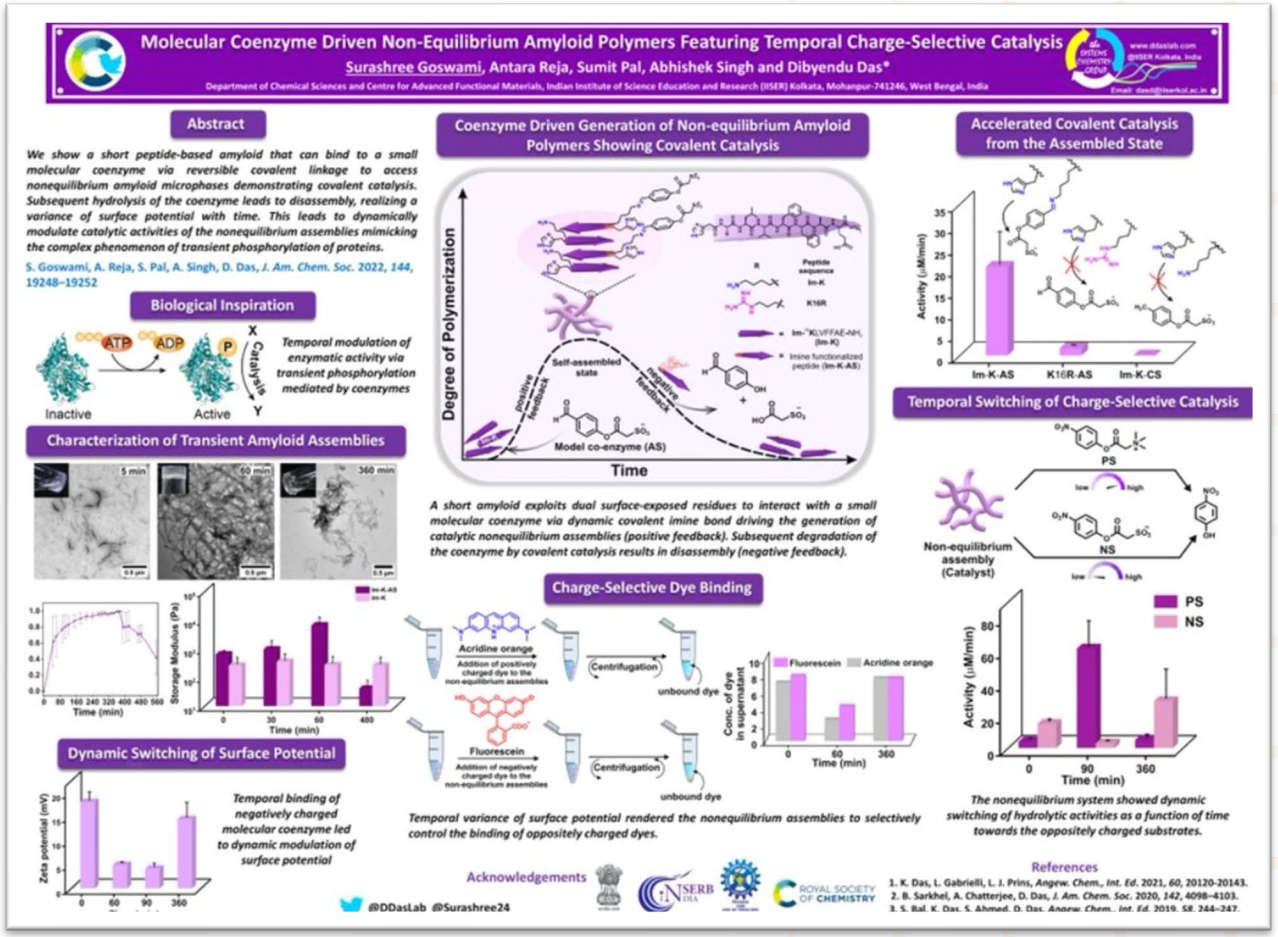
1. Explain why you have carried out an experiment.
2. Display your observations and data using appropriate methods.
3. Present your conclusions clearly and concisely.

Scientific posters

- It is important that scientists communicate the results of their experiments clearly.
- Scientists use scientific posters to present their ideas and results to a wide audience.
- Posters provide a simple layout where scientists can summarise their experiments.

Example academic posters





Example posters

Before your investigation

1. What is the title and aim of your investigation?
2. How could the techniques or results from this investigation be used in real life?
3. Where did you find the information for your answer to question 2 (eg, website name or book title)?
4. Design a results table for your investigation data.

Questions

After your investigation

5. What type of graph or chart are you going to use for your results?
6. Explain why you have chosen this format to show your results.
7. Describe the pattern of your results. What conclusions can you draw from your results?
8. Explain how you could use your results to address a real-life problem. You should link your results back to the context you investigated before the practical.
9. How could you have improved the experimental method?

Questions

Poster layout 1

Title and aim of your investigation (Q1)

The context of your investigation (Q2 and Q3)

Your method

Your results (Q4, Q5 and Q6)

Your conclusion (Q7)

Poster layout 2

Title and aim of your investigation (Q1)

The context of your investigation (Q2 and Q3)

Your method

Your results (Q4, Q5 and Q6)

Your conclusion (Q7 and Q8)

Your evaluation (Q9)

Poster layout 3

Title and aim of your investigation (Q1)

The context of your investigation (Q2 and Q3)

Your method

Your results (Q4, Q5 and Q6)

Your conclusion (Q7 and Q8)

Your evaluation (Q9)

References