

IPSSC +
CMBO

STUDENTS' CONFERENCE

Jožef Stefan International Postgraduate School
and Young Researchers' Day CMBO

19 and 20 April

Nitriles and Lewis acids

Žiga Zupanek

Jožef Stefan Institute

Jožef Stefan International Postgraduate School

Poster number: 26

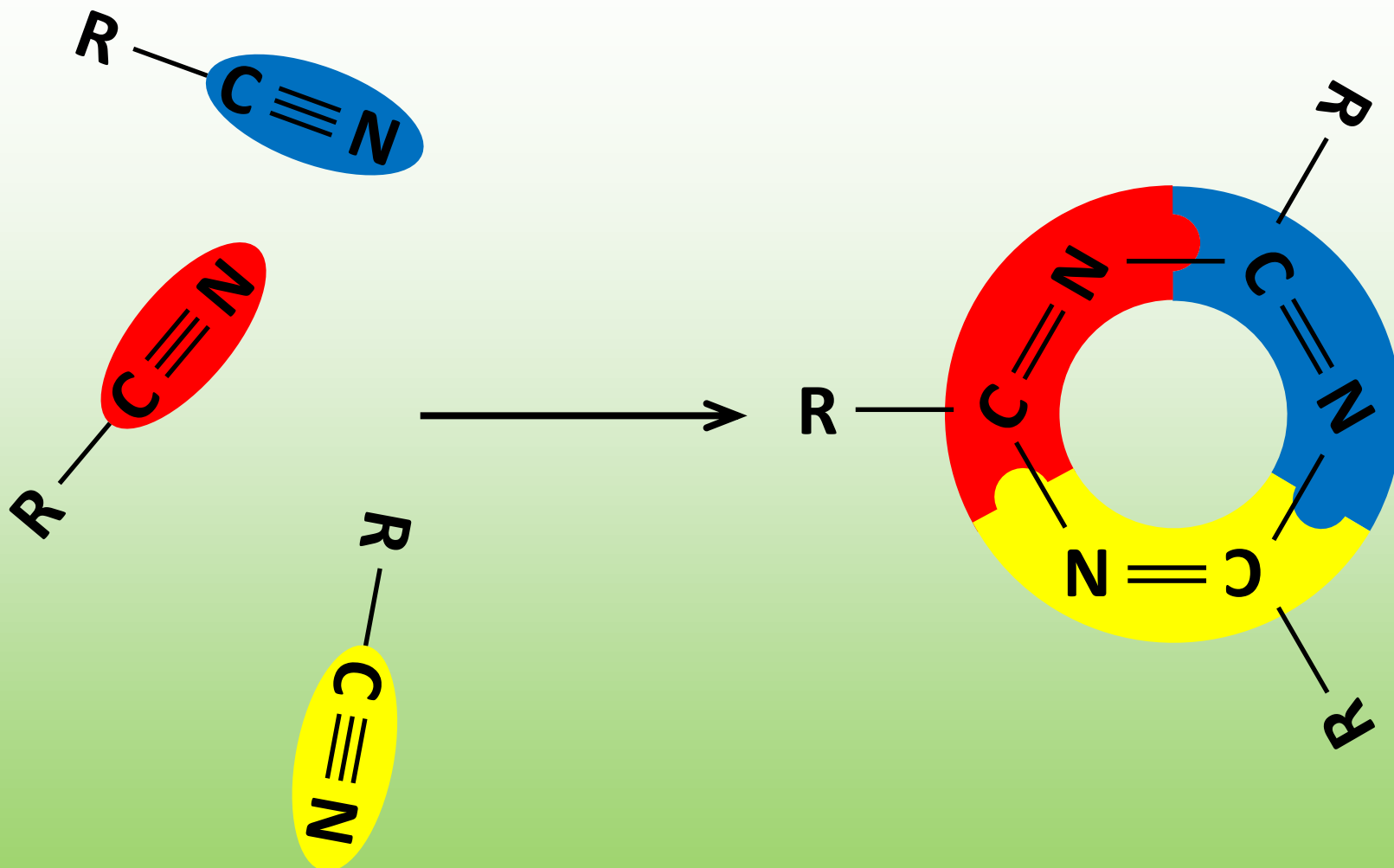


Nitrile

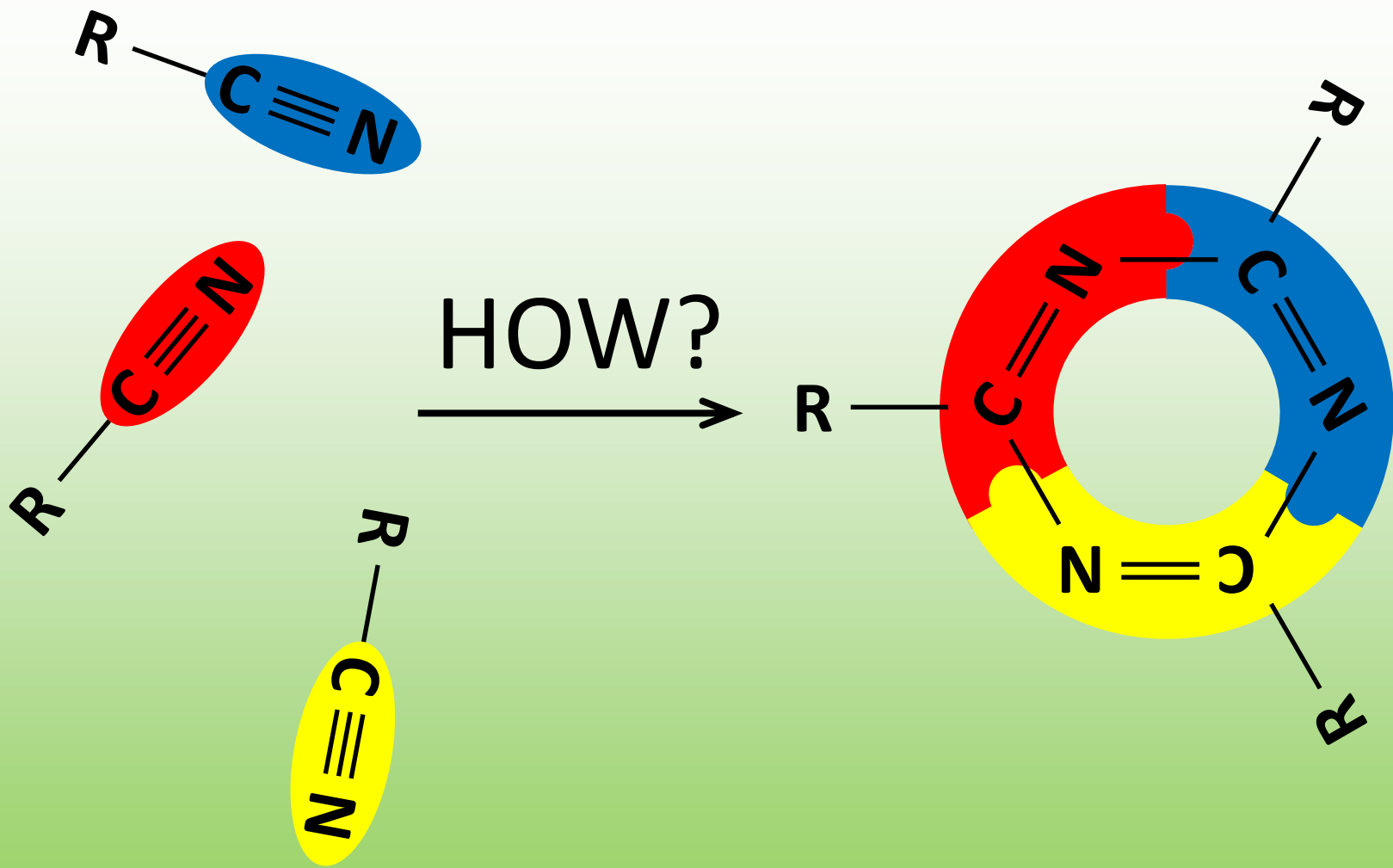
Organic compound

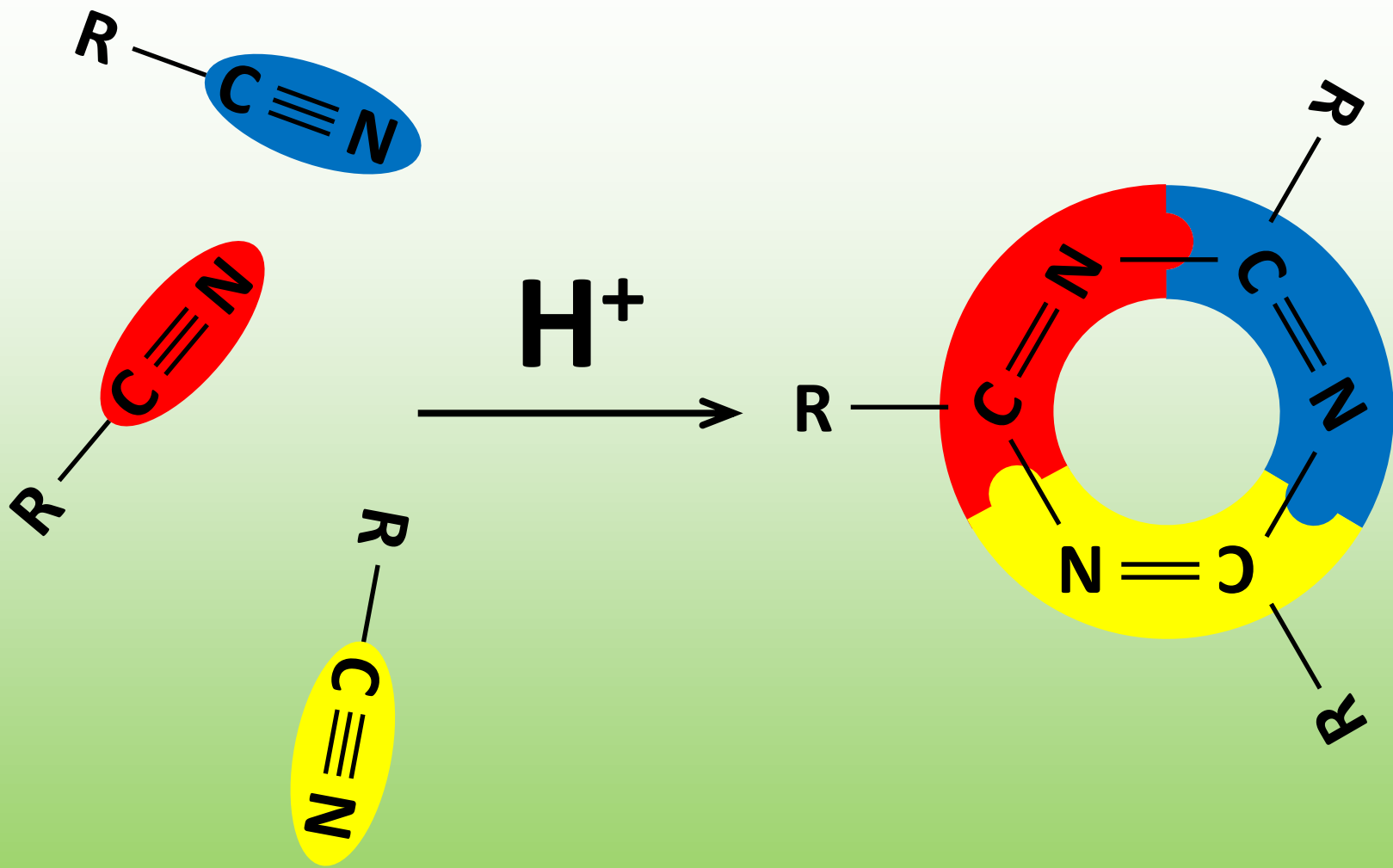
Triple bond





cyclootrimer

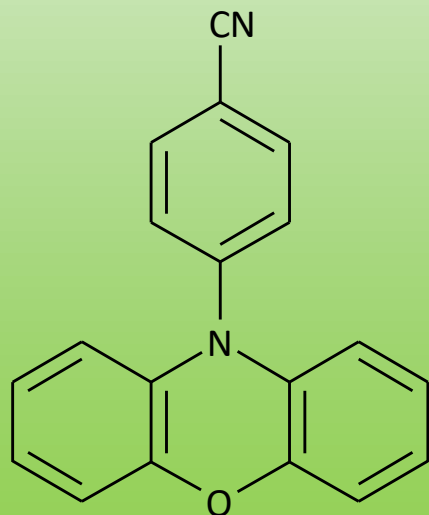
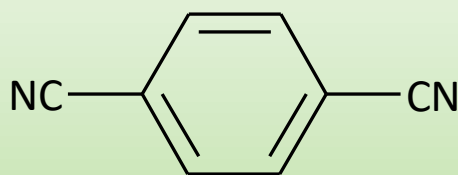




$\text{HF/SbF}_5 \longrightarrow \text{Dangerous}$

$\text{H}_3\text{O}^+\text{SbF}_6^- \longrightarrow \begin{array}{l} \text{Easy-to-handle} \\ \text{Non-inert conditions} \end{array}$

Potential applications



Catalyst support

Gas adsorption

Coordination chemistry

OLED