



CMCC *Mechanochemistry Discussions*

Online Seminar Series

Medicinal Mechanochemistry Makes Greener the Synthesis of Active Pharmaceutical Ingredients

Livestreaming at
10:00 AM (CT)

THURS., May 20, 2021

on the CMCC YouTube Channel:
[Dr. Evelina Colacino Seminar](#)



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ABSTRACT:

The growing need for environmentally friendly chemical transformations complies with the United Nations Sustainable Development Goals (SDGs), the 12 principles of green chemistry and engineering, propelling mechanochemistry among one of the ten innovations in chemistry that will change the world according to IUPAC.

Medicinal mechanochemistry is a very recent area of investigation having paved the way to the preparation of pharmaceutically relevant fragments and functionalities. Selected examples of the mechanochemical preparation of Active Pharmaceutical Ingredients (APIs) and the scalability under continuous manufacturing by Twin Screw Extrusion (TSE) will be illustrated.



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