

[Inici](#) > Mechanism of thermal decomposition of carbamoyl phosphate and its stabilization by aspartate and ornithine transcarbamoylases.

---

## **Mechanism of thermal decomposition of carbamoyl phosphate and its stabilization by aspartate and ornithine transcarbamoylases.**

**Authors:** [Wang, Qin](#) / [Xia, Jiarong](#) / [Guallar, Victor](#) / [Krilov, Goran](#) / [Kantrowitz, Evan](#)

**Publication:** Proceedings of the National Academy of Sciences of the United States of America

**Volume / Pagination:** 105 / 16918-23

**Paraules clau:** [Aspartate Carbamoyltransferase](#), [Carbamyl Phosphate](#), [Catalytic Domain](#), [Computer Simulation](#), [Crystallography](#), [X-Ray](#), [Escherichia coli](#), [Kinetics](#), [Models](#), [Molecular](#), [Ornithine Carbamoyltransferase](#), [Substrate Specificity](#), [Thermodynamics](#)

Barcelona Supercomputing Center - Centro Nacional de Supercomputación

---

**Source URL (retrieved on 7 ago 2024 - 11:15):** <https://www.bsc.es/ca/research-and-development/publications/mechanism-thermal-decomposition-carbamoyl-phosphate-and-its>