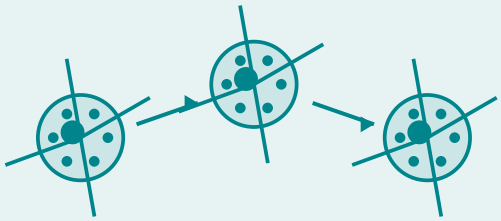
PEPTEXA LABORATORIES

OVER 10 YEARS
working with research peptides

EVERY BATCH INDEPENDENTLY TESTED IN EUROPE

OXYTOCIN

Oxytocin; a cyclic nonapeptide hormone



CELL-TO-CELL SIGNALLING

Oxytocin receptor → **Stress-related signalling** → **Cortisol / behaviour**

Simplified research schematic - not a clinical outcome image.

RESEARCH FOCUS

- **Social-stress responses**
- **Cortisol regulation**
- **Social-support mechanisms**

WHAT IT IS

Oxytocin is a naturally occurring nine-amino-acid hormone and signalling molecule. Beyond its established reproductive physiology, it is studied in social behaviour and stress-response research.

HOW IT WORKS / HOW IT IS STUDIED

Oxytocin binds to its receptor and affects signalling in tissues and the nervous system. Social and stress studies examine interactions between this signalling, the experimental context and cortisol responses.

RESEARCH CONTEXT

A controlled study in healthy men examined oxytocin together with social support during a laboratory stress task. The results are specific to that study setting.

SELECTED SCIENTIFIC REFERENCES

PubMed 14675803 - view study
PubMed 22387929 - view study

Research summaries describe the cited materials and study settings, not guaranteed product outcomes.

CONTACT PEPTEXA FOR MORE INFORMATION

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