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in OSPainRelief on LinkedIn: linkedin.com/company/qspainrelief

**Effective combinational** treatment of chronic pain in individual patients by an innovative quantitative systems pharmacology (OSP) pain relief approach

## **WHAT**

We develop novel, personalised, and effective combinational treatments of existing medications.

Currently, 60% of chronic pain patients do not experience proper pain relief upon treatment.

**WHY** 

HOW

in silico data integration and model development o preclinical validation clinical validation (in healthy volunteers and real-world pain patients)

Improved mechanistic understanding of chronic pain treatment

effects

Improved mechanistic understanding of chronic pain

**QSPainRelief** platform to predict novel combinations of existing drugs for improved pain relief

PainRelief

**OSPainRelief** is an international research project that brings together 10 institutions from 5 European countries and the USA.

Validated **QSPainRelief** model platform

Data,

information,

mathematical

modelling,

integration

**QSPainRelief** data base open for use by stakeholders

Improved drug treatment for real world chronic pain patients

From idea to application



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