Resource Summary Report

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COMPACT

RRID:SCR_003850

Type: Tool

Proper Citation

COMPACT (RRID:SCR_003850)

Resource Information

URL: http://www.compact-research.org/

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Description: Consortium to reduce delivery and targeting bottlenecks for developing novel innovative biopharmaceutical based medicines. The project aims to shed new light on the obstacles biopharmaceuticals (medicines based on biological molecules such as proteins, peptides or nucleic acids) need to overcome to get to where they are needed in the body. The team will then use this information to develop and validate biopharmaceutical formulations to deliver these novel drugs to their targets. By finding more effective ways of administering these biopharmaceutical drugs, and improving their ability to travel through the body to where they are needed, COMPACT will allow more patients to benefit from biopharmaceuticals. Furthermore, designing less invasive administration routes and reducing the dose (and therefore the side effects) and frequency of administration will help to improve patient compliance with treatments.

Abbreviations: COMPACT

Synonyms: Collaboration on the optimisation of macromolecular pharmaceutical access to cellular targets, Collaboration on the Optimization of Macromolecular Pharmaceutical Access to Cellular Targets

Resource Type: portal, consortium, organization portal, data or information resource

Keywords: drug, biopharmaceutical, drug delivery, drug target, drug development

Funding: Innovative Medicines Initiative;

EFPIA

Resource Name: COMPACT

Resource ID: SCR_003850

Alternate IDs: nlx_158164

Record Creation Time: 20220129T080221+0000

Record Last Update: 20250418T055031+0000

Ratings and Alerts

No rating or validation information has been found for COMPACT.

No alerts have been found for COMPACT.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 50 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET.

Batra G, et al. (2025) Insights Into the Gas-Phase Structure and Internal Dynamics of Diphenylsilane: A Broadband Rotational Spectroscopy Study. Chemphyschem: a European journal of chemical physics and physical chemistry, 26(2), e202400790.

Lee JY, et al. (2025) Wafer-Scale Semitransparent MoS2/WS2 Heterojunction Catalyst on a Silicon Photocathode for Efficient Hydrogen Evolution. Small (Weinheim an der Bergstrasse, Germany), 21(1), e2407650.

Levin ME, et al. (2025) A Pilot Randomized Controlled Trial of a Single-Session Digital Acceptance and Commitment Therapy Intervention. Behavioral sciences (Basel, Switzerland), 15(1).

Carlson AS, et al. (2024) Just as Essential: The Mental Health of Educators During the COVID-19 Pandemic. Disaster medicine and public health preparedness, 18, e6.

Jiang Y, et al. (2024) Chinese translation and validation of the Personalized Psychological Flexibility Index (PPFI) for medical college students. BMC psychology, 12(1), 630.

Cheng SL, et al. (2024) Worldview, psychological flexibility, and depression-anxiety-stress in Chinese youth. Frontiers in psychology, 15, 1447183.

Carvalho SA, et al. (2024) One-year predictors of PTSD symptoms, anxiety, and depression in SARS-CoV-2 survivors: psychological flexibility and major life events as main predictive factors. Frontiers in psychology, 15, 1378213.

Zhang L, et al. (2024) Effectiveness of an Internet-Based Acceptance and Commitment Therapy Intervention for Reducing Psychological Distress in Health Care Professionals: Randomized Controlled Trial. Journal of medical Internet research, 26, e59093.

Zhang X, et al. (2024) Effectiveness of a videoconferencing group-based dyad acceptance and commitment therapy on the quality of life of chronic heart failure patients and their family caregivers: A study protocol for a randomized controlled trial. PloS one, 19(4), e0298178.

Zhao W, et al. (2024) Reliability and validity of the translated Chinese version of comprehensive assessment of acceptance and commitment therapy processes (CompACT-C) in breast cancer survivors. Heliyon, 10(4), e25956.

Yakushev A, et al. (2024) Manifestation of relativistic effects in the chemical properties of nihonium and moscovium revealed by gas chromatography studies. Frontiers in chemistry, 12, 1474820.

Adamowicz JL, et al. (2023) A Preliminary Investigation into the Factor Structure of Two Psychological Flexibility Measures in a Sample of Community-Dwelling Older Adults. Clinical gerontologist, 46(4), 561.

Carona C, et al. (2023) The Efficacy of Be a Mom, a Web-Based Intervention to Prevent Postpartum Depression: Examining Mechanisms of Change in a Randomized Controlled Trial. JMIR mental health, 10, e39253.

van Strien J, et al. (2023) Comparative Clustering (CompaCt) of eukaryote complexomes identifies novel interactions and sheds light on protein complex evolution. PLoS computational biology, 19(8), e1011090.

Pietzka S, et al. (2023) Dental Root Injuries Caused by Osteosynthesis Screws in Orthognathic Surgery-Comparison of Conventional Osteosynthesis and Osteosynthesis by CAD/CAM Drill Guides and Patient-Specific Implants. Journal of personalized medicine, 13(5).

Coverdell TC, et al. (2022) Genetic encoding of an esophageal motor circuit. Cell reports, 39(11), 110962.

Nteroli G, et al. (2022) Two octaves spanning photoacoustic microscopy. Scientific reports, 12(1), 10590.

Miclea RC, et al. (2021) Visibility Enhancement and Fog Detection: Solutions Presented in Recent Scientific Papers with Potential for Application to Mobile Systems. Sensors (Basel,

Switzerland), 21(10).

Quesada-Moreno MM, et al. (2021) Do Docking Sites Persist Upon Fluorination? The Diadamantyl Ether-Aromatics Challenge for Rotational Spectroscopy and Theory. Chemistry (Weinheim an der Bergstrasse, Germany), 27(20), 6198.

Lumry WR, et al. (2021) Long-term health-related quality of life in patients treated with subcutaneous C1-inhibitor replacement therapy for the prevention of hereditary angioedema attacks: findings from the COMPACT open-label extension study. Orphanet journal of rare diseases, 16(1), 86.