



(51) International Patent Classification:

G01N 33/566 (2006.01) G01N 33/68 (2006.01)  
G01N 33/58 (2006.01) G01N 21/17 (2006.01)  
G01N 33/50 (2006.01)

(21) International Application Number:

PCT/US2021/045592

(22) International Filing Date:

11 August 2021 (11.08.2021)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

63/064,867 12 August 2020 (12.08.2020) US

(71) Applicant: DEWPOINT THERAPEUTICS, INC.

[US/US]; 451 D Street, Suite 104, Boston, Massachusetts 02210 (US).

(72) Inventors: MITREA, Diana Maria; c/o Dewpoint Therapeutics, Inc., 451 D Street, Suite 104, Boston, Massachusetts 02210 (US).

MITTASCH, Matthäus; c/o Dewpoint Therapeutics GmbH, Tatzberg 47, 01307 Dresden (DE).

DANDLIKER, Peter Jeffrey; c/o Dewpoint Therapeutics, Inc., 451 D Street, Suite 104, Boston, Massachusetts 02210 (US).  
BEUTEL, Bruce Aaron; c/o Dewpoint Therapeutics,

Inc., 451 D Street, Suite 104, Boston, Massachusetts 02210 (US).  
BOCZEK, Edgar Erik; c/o Dewpoint Therapeutics GmbH, Tatzberg 47, 01307 Dresden (DE).

(74) Agent: CHAPMAN, John D et al.; Morrison & Foerster LLP, 755 Page Mill Road, Palo Alto, California 94304-1018 (US).

(81) Designated States (unless otherwise indicated, for every kind of national protection available):

AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, IT, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, WS, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available):

ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM,

(54) Title: METHODS OF IDENTIFYING INTERACTIONS OF A COMPOUND AND A CONDENSATE, OR A COMPONENT THEREOF, AND USES THEREOF

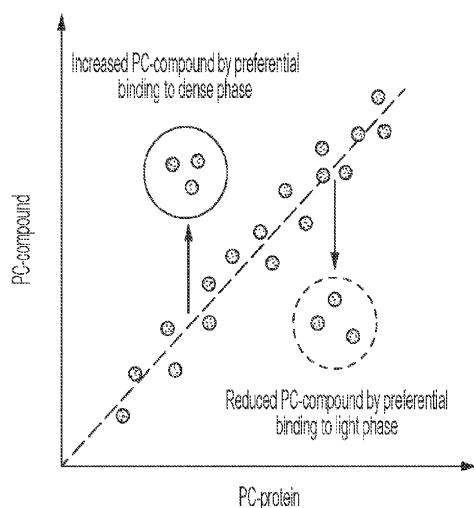


FIG. 2

(57) Abstract: In some aspects, provided herein are methods of identifying interactions of a compound and a condensate, or a component thereof, and uses thereof. In other aspects, provided herein are methods of identifying (or screening for or designing) compounds, or portions thereof, having a desired interaction with a condensate, or a component thereof. In yet other aspects, provided herein are applications of the methods described herein, e.g., libraries of compounds having known or predicted characteristics, and methods of identifying compounds useful for treatment of a disease.

TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW,  
KM, ML, MR, NE, SN, TD, TG).

**Declarations under Rule 4.17:**

— *of inventorship (Rule 4.17(iv))*

**Published:**

— *with international search report (Art. 21(3))*  
— *before the expiration of the time limit for amending the  
claims and to be republished in the event of receipt of  
amendments (Rule 48.2(h))*