

February 8, 2018

NEWS RELEASE

Interprotein Corporation

## Program copyright registration of “the system for predicting pharmacological activity of compounds by AI (deep learning)”

Interprotein Co., Ltd. (President: Masato Hosoda, headquarters: Osaka prefecture Osaka city Kita-ku) and A.I. Squared, Inc. (President: Masaki Ishida, head office: Chiyoda-ku) announced, on February 7, that "Pharmacological activity value prediction system of compound by AI (depth learning)" has been registered as program copyright.

Both companies jointly develop AI-guided INTENDD® based on the proprietary *in silico* drug discovery platform of Interprotein Co., Ltd. INTENDD®, by integrating the artificial intelligence technology of A.I. Squared, Inc, which has a high track record. The activity prediction system registered this time is part of the function of this new artificial intelligence drug discovery platform.

Program copyright is a system that gives copyright to computer programs as well, "Authors will obtain the proprietary (exclusive) right to reproduce their work." Program copyright is established in all countries that join the Berne Convention and will last for 50 years.

### **About Interprotein Corporation**

Interprotein Corporation is focusing on PPIs as drug targets with great potential and conducting drug discovery research of PPI antagonists and agonists using two technology platforms, i.e. helix-loop-helix peptides (HLHP) and INTerprotein's Engine for New Drug Design (INTENDD®). HLHP is a conformationally -constrained peptide with two helices linked on both sides, and INTENDD® is a strategic approach for structure-based drug discovery (SBDD) of small molecules and can efficiently identify new drug-like scaffolds by Structure-Based Scaffold Generation (SBSG®) method.

## About A.I. Squared, Inc.

A.I. Squared, Inc. is an artificial intelligence based solution provider focusing on business process improvement utilizing recognition technologies for voice, text, and image. Established since December 2015, as a subsidiary of BroadBand Tower, Inc. (JASDAQ 3776). Located in Tokyo.

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