

Company

HiPep Laboratories

Presenter

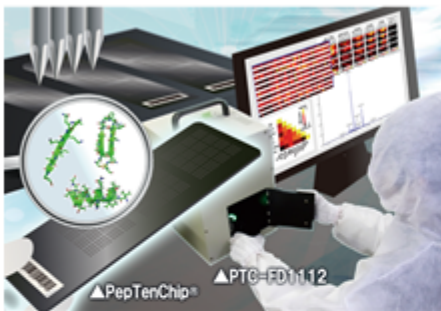
Kiyoshi Nokihiro



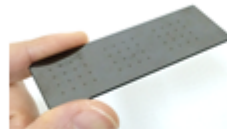
Applications of Bio-molecular Recognition for health care by peptides

1 Biochip for Diagnostics

Protein-Recognition



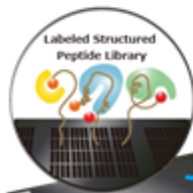
Recently all fundamental technologies have been completed



Discovery of unknown markers

*Remote medical care
Home medical care*

PepTenChip®



Data mining



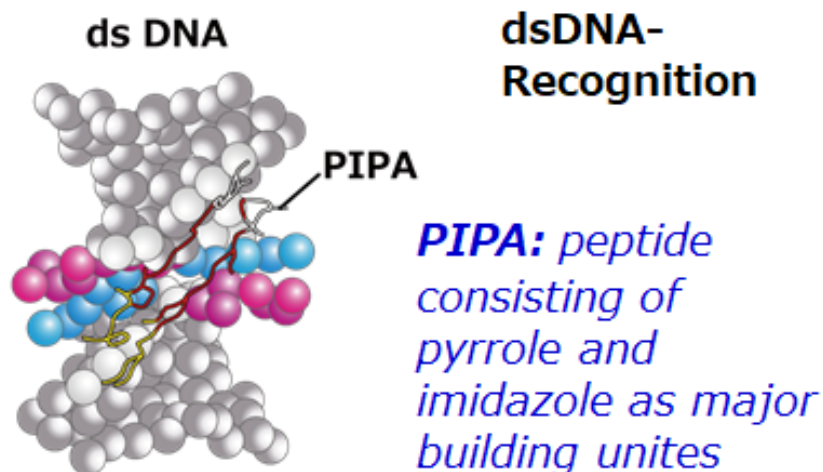
Protein Fingerprints; Multivariate Analyses




Objective results → AI-diagnostics

Real time, on-site

Applications of **Bio-molecular Recognition** for **health care** by peptides

2 Theranostics: Novel Drugs



-  PIPA: difficult to prepare →
 HiPep performed Industrial Scale Production of PIPAs **GMP facility is under construction**
-  Currently published PIPAs for clinical applications are available from HiPep Labs.
<http://hipep.jp/?p=3262>
-  PIPA: gene-control drugs & molecular probes without DDS.

3 Other tech. for DRUG discovery and development

Angiogenic Peptides for regenerative med.
 Cyclic peptides immobilized on Gel-type resin for DISCOVERY

Prof. Dr. K. Nokihara, Founder and CEO & CSO, HiPep Laboratories

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