IVA, Japan Society for the Promotion of Science, The Chemical Society of Japan, Sweden-Japan Foundation and The Japanese Embassy welcome you to a seminar on 3 March 2014

The pharmaceutical industry is still a highly profitable business. Nevertheless, the sector is facing a number of major challenges. One is the declining productivity of industrial R&D. Over the past decades the number of new medicines generated per R&D dollar spent has markedly decreased. New technologies, as well as new ways of organizing research, are needed to address this issue. This seminar focuses on the use of innovative chemistry to support drug discovery.

Professor Hiroaki Suga from the University of Tokyo will present his work on creating combinatorial chemical libraries containing non-natural amino acids and their usefulness to discover new medicines. Professor Suga is one of Japan’s leading scientists within the field of peptide chemistry and the founder of PeptiDream Inc.

Professor Gunnar von Heijne, Stockholm University/Science for Life Laboratory, will present how Professor Suga’s techniques can be used in basic research to study membrane bound proteins.

Additional presentations will be given by Dr. Anders Ekblom, former CEO of AstraZeneca Sweden and Global Head of Science and Technology Integration; Dr. Annika Jenmalm-Jensen, Chemical Biology Consortium Sweden/Karolinska Institutet/Science for Life Laboratory and Dr. Björn Odlander, Health Cap.

The seminar will be held in English.

Registration and more information

Date: Monday 3 March 2014, 17:00–19:00 followed by dinner.
Streaming: www.iva.se/live
Registration: Please register at www.iva.se no later than 24 February. The cost of dinner is SEK 400 (incl. SEK 80 VAT) and should be paid into “bankgiro 5108-2527.” Please state 5082 as reference. Participation in the seminar is free of charge. IVA’s corporate id number is 262000-1160.
More info: Contact Maria Dollhopf, e-mail maria.dollhopf@iva.se, tel +46-8-791 29 94.
Programme

17:00  Introduction
      Anders Ekblom

      Pseudo-Natural Product Synthesis and Drug Applications
      Hiroaki Suga

      Using non-proteinogenic amino acids to study membrane protein biogenesis
      Gunnar von Heijne

      Chemical Biology Consortium Sweden
      Annika Jenmalm-Jensen

      The Investor’s Perspective
      Björn Odlander

      Panel Discussion: The potential of innovative chemistry to strengthen drug discovery
      and what Sweden and Japan can learn from each other
      Hiroaki Suga, Gunnar von Heijne, Annika Jenmalm-Jensen, Björn Odlander
      and Anders Ekblom

      Moderator: Johan Weigelt

      Refreshments and Mingle

19:00  Dinner