

I N V I T A T I O N

1st

SWISS - KOREAN

LIFE SCIENCE
SYMPOSIUM

It is a great pleasure to welcome you to the first Swiss-Korean Life Science Symposium, jointly organized by the Embassy of Switzerland in Seoul and the Korea Research Institute of Bioscience and Biotechnology (KRIBB).

The Symposium is launched in order to gather experts and to encourage cooperation between Korea and Switzerland in life science.

Switzerland and Korea are among the leading nations in life science and the Symposium will be a great opportunity to introduce each country's R&D environment.

Furthermore, ways to collaborate among Swiss and Korean public and private institutions will be discussed.

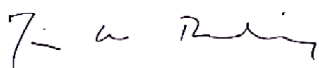
The four sessions of the Symposium will discuss different facets of R&D in life science. International high-profile speakers and participants will share their knowledge in R&D systems and environment, global health challenges, integrated biomedical technology, and new approaches in personalized biotechnology for future collaboration.

During these four sessions, experts from research institutes, academia and different companies will actively participate to identify cooperation areas which could bear a competitive advantage for Korea and Switzerland.

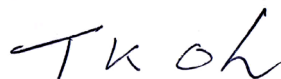
We are looking forward to your interest and participation in the symposium.
Thank you

With kind regards,

Jörg Al. Reding
Ambassador,
The Embassy of Switzerland,
Seoul, Korea



Tae Kwang Oh, Ph. D.
President,
Korea Research Institute of Bioscience
and Biotechnology



SWISS - KOREAN

LIFE SCIENCE SYMPOSIUM

Date	Start End	13:30 of WED 7th, May 2014 20:00 of THU 8th, May 2014
Purpose	Present possible ways forward for Switzerland and Korea to pursue R&D partnerships in life science. Discuss ways to collaborate for global health challenges among international as well as public and private sectors of Switzerland and Korea. Share new integrated approaches to in bio-medical technology and personalized health care.	
Organizers	Embassy of Switzerland in the Republic of Korea Korea Research Institute of Bioscience and Biotechnology (KRIBB)	
Sponsors	State Secretariat for Education, Research and Innovation (SERI) Ministry of Science, ICT and Future Planning (MSIP)	
Venue	Hotel Grand Hyatt, Seoul	
Participants	Excellent researchers and R&D leaders from companies interested in the cooperation between Switzerland and Korea	
Language	English	



SWISS - KOREAN LIFE SCIENCE SYMPOSIUM

“NEW APPROACHES TO GLOBALLY SUCCESSFUL R&D”

DAY1

Wed, 7 May 2014 – Namsan III, Hotel Grand Hyatt, Seoul

PROGRAM

13:00	<i>Registration</i>
	<i>Welcome & Setting the Scene</i>
	Jörg Al Reding Ambassador, Embassy of Switzerland in Korea (3min)
	<i>Welcome Address</i>
13:30 ~ 14:20	Munkee Choi , Minister of Science, ICT & Future Planning (MSIP) (3min) Tae Kwang Oh , President, Korea Research Institute of Bioscience & Biotechnology (KRIBB) (3min)
	Keynote – Life Science R&D Environment Overview
	The life science R&D cluster Basel Ed Constable , Vice-Rector, University of Basel (20min)
	Life science R&D environment in Korea : current status and development strategy Yoon-Hee Choi , Division Head, Korea Institute for Industrial Economics & Trade (20min)
14:20	Coffee Break (20min)
	Session I - How to Foster a Globally Successful R&D Environment in Switzerland & Korea Chair : Hyang-Sook YOO , Honorary Research Fellow, KRIBB
14:40 ~ 16:40	Innovation, patient benefit, superior returns Paul Herrling , Board Member of the Novartis Venture Fund Vice President, Board of the Swiss Federal Institutes of Technology (ETH Council) (20min)
	Success and challenge to develop new drugs in the view of an investigator in Korea Yung-Jue Bang , Director, Clinical Trials Center of Seoul National University Hospital (20min)
	Life science at the university of Basel : fostering excellent R&D public & private partnership Ed Constable , Vice-Rector, University of Basel (20min)
	GPScreen™ : Genome-wide drug On/Off-target identification system using S. pombe genome-wide deletion mutant library Ung-Sik Yoo , Director, Bioinformatics Division, Bioneer (20min)
	Innovative drug discovery efforts in China Amber Cai , Head of NIBR Operation (Novartis Institutes for Biomedical Research) (20min)
	Personalized therapeutics based on Samsung AVATAR system Dohyun Nam , Seoul Samsung Hospital (20min)
16:40	Coffee Break (20min)
	Session II – R&D for Tackling Global Health Challenges Chair : Seokjun Yoon , Graduate School of Public Health, Korea University
17:00 ~18:40	R&D needs for the challenges of global health Marcel Tanner , Swiss Tropical and Public Health Institute (20min)
	R&D for accelerating the use of vaccines in developing countries Florian Marks International Vaccine Institute (IVI) (20min)
	Tackling cholera treatment - could improved oral rehydration therapy shorten epidemic progression? Melanie Blokesch , Professor, EPFL (20min)
	Korean ODA projects targeting neglected tropical diseases control in developing countries Jong –Yil Chai , Professor, Seoul National University (20min)
	High-content screening technologies applied to drug discovery against neglected tropical diseases Kevin Pethe , CEO, Institute Pasteur Korea (20min)
18:40~20:30	Networking dinner (at waterfall)

DAY2

Thu, 8 May 2014 – Regency Room, Hotel Grand Hyatt, Seoul

08:30	<i>Registration</i>
	Session III –Convergent Approaches in Biotechnology Chair : Bong-Hyun Chung , Director of Bio-nano Health Center (KRIBB)
08:45 ~10:25	Nanomechanical cancer diagnostics Roderick Lim , University of Basel, Biozentrum (20min) (Q/A 5min)
	Therapeutics in the companion diagnosis Ick-Chan Kwon , KIST, Theragnosis research team (20min) (Q/A 5min)
	Application of optical nanosensor for highly sensitive biomedical diagnosis Jae-Bum Choo , Hanyang University (20min) (Q/A 5min)
	Markers for resistance against antimalaria drugs in plasmodium falciparum Hans-Peter Beck , Swiss Tropical and Public Health Institute (20min) (Q/A 5min)
10:25	Coffee Break (20min)
10:45 ~12:50	New horizons in 3D-planning, navigation and robotics for surgeons Hans-Florian Zeilhofer , University Hospital Basel (20min) (Q/A 5min)
	Nanobio material Chang-Soo Lee , Korea Research Institute of Bioscience and Biotechnology (KRIBB) (20min) (Q/A 5min)
	Current research using molecuar imaging and nanosensing for bioterroism preparedness in Korea NIH Kee-Jong Hong , National Institute of Health (20min) (Q/A 5min)
	Bioimaging Sang-Jeon Chung , Dongguk University (20min) (Q/A 5min)
	SHG nanoprobe : advancing harmonic imaging in biology Periklis Pantazis , ETH Zurich (20min) (Q/A 5min)
12:50~14:25	Buffet Lunch
	Session IV –New Approaches in Personalized Health Care Chairman : Young-II YEOM , Head of KRIBB in Ochang
14:25 ~16:05	Regenerative medicine Il-Hoan Oh , Catholic University (20min) (Q/A 5min)
	Development of allogeneic NK cell therapy from hematopoietic stem cells In-Pyo Choi Korea Research Institute of Bioscience and Biotechnology (KRIBB) (20min) (Q/A 5min)
	Analysis of histone deacetylases: critical regulators in health and disease Patrick Matthias , Friedrich Miescher Institute, Epigenetics (20min) (Q/A 5min)
	Epigenetic control of mammalian germ line and early embryonic development Antoine Peters Friedrich Miescher Institute (20min) (Q/A 5min)
16:05	Coffee Break (20min)
16:25 ~18:30	New approaches for cancer diagnosis Soonmyung Paik , Severance Biomedical Science Institute and Medical Oncology (20min) (Q/A 5min)
	Searching for broad-spectrum oncology targets to get over cancer heterogeneity Sunghoon Kim , Seoul National University (20min) (Q/A 5min)
	Immune cell signaling in health and disease Jean Pieters , University of Basel, Biozentrum (20min) (Q/A 5min)
	Development of new and innovative DNA based drugs for cardiovascular and neurological diseases Sunyoung Kim , CTO, Viomed/Professor, Seoul National University (20min) (Q/A 5min)
	Personalized genome analysis for precision cancer medicine Woong-Yang Park , Samsung Genomic Institute (20min) (Q/A 5min)
18:30~18:35	Closing remark
	In-Pyo Choi Korea Research Institute of Bioscience and Biotechnology (KRIBB) (5min)
18:35~20:00	Cocktail Reception