Dear Giovanni,

I hope all is well with you.

This brief report on the Peroxiredoxin Symposium supported in part by SFRR International includes a PDF file of the scientific program and several memorable photos.

We had 18 invited speakers (11 overseas and 7 domestic) for the symposium. Two short talks were planned for the recipients of the Young Investigator Awards, Drs. Arden Perkins (Oregon State University) and Marrit Putker (University of Cambridge). But unfortunately, Arden Perkin couldn't attend the symposium. He had arrived in the Seoul airport but could not enter Korea and had to go back to Oregon for unexplained reasons.

A total of 250 people registered and the average attendance was about 180.

We were very grateful for your support.

All the best,

Sue Goo

International Symposium on Peroxiredoxins

Oct 26(Mon) – Oct 27(Tue), 2015

NEWILHAN Memorial Hall, Avison Biomedical Research Center 1st Floor

Day 1: Monday, Oct 26, 2015

Opening

09:30-09:55	Opening and Introductory Remarks	*Sue Goo Rhee (Yonsei University College of Medicine)*

Session Ⅰ Discussion Reader: Christine Winterbourn (University of Otago)

09:55-10:30	Experimentally dissecting the structural origins of peroxiredoxin catalytic prowess	*Leslie B. Poole (Wake Forest School of Medicine)*
10:30-10:55	Client-Specific Chaperoning of Peroxiredoxin II: identification of ubiquitin C-terminal hydrolase-L1 as a specific client	*Ho Zoon Chae (Chonnam National University)*
10:55-11:15	*Coffee Break*	

Session Ⅱ Discussion Reader: Leslie B. Poole (Wake Forest School of Medicine)

11:15-11:50	Prx-based redox relays in signaling: exception or rule?	*Tobias P. Dick (German Cancer Research Center)*
11:50-12:15	Redox-sensitive regulation of HMGB1 secretion by peroxiredoxin	*Jeon Soo Shin (Yonsei University College of Medicine)*
12:15-12:40	Cell type-specific redox signaling snapshots from peroxiredoxin 2 and its Interacting partners	*Sang Won Kang (Ewha Womans University)*
12:40-13:40	*Lunch*	

Session Ⅲ Discussion Reader: Yun Soo Bae (Ewha Womans University)

13:40-14:15	PRDX5, really atypical?	*Bernard Knoops (Université catholique de Louvain)*
14:15-14:50	Investigations on the reduction of peroxiredoxins: possible relationships with Signaling	*Luis Eduardo Soares Netto(Universidade de São Paulo)*
14:50-15:15	Role of Peroxiredoxin V in kidney function	*Hyun Ae Woo (Ewha Womans University)*
15:15-15:30	Peroxiredoxin Catalysis at Atomic Resolution	*Arden Perkins (Oregon State University)*
15:30-15:50	*Coffee Break*	

Session Ⅳ Discussion Reader: Bernard Knoops (Université catholique de Louvain)

15:50-16:25	Peroxiredoxins and the regulation of cell death pathways	*Mark Hampton (University of Otago)*
16:25-16:50	PRDX1 and cancer: preventing, not suppressing?!	*Carola Neumann (University of Pittsburgh Medical Center)*
16:50-17:15	Peroxiredoxins in tumorigenesis	*Dae Yeul Yu (Korea Research Institute of Bioscience and Biotechnology)*
17:15-17:40	Control of mitosis by local inactivation of peroxiredoxin Ⅰ	*Dong Min Kang (Ewha Womans University)*

Day 2: Tuesday, Oct 27, 2015

Session Ⅴ Discussion Reader: Michel Toledano (Laboratoire Stress Oxydant et Cancer)

09:30-10:05	Linking redox dynamics with signaling functions of chloroplast 2-cysteine Peroxiredoxin	*Karl-Josef Dietz (Universität Bielefeld)*
10:05-10:30	Nucleoredoxin, isolated by a specific property of 2-Cys Peroxiredoxin, regulates the redox-mediated plant hormone signaling	*Sang Yeol Lee (Gyeongsang National University)*
10:30-10:55	Real time monitoring of 'basal' H2O2 levels with peroxiredoxin based probes	*Bruce Morgan (University of Kaiserslautern)*
10:55-11:15	*Coffee Break*	

Session Ⅵ Discussion Reader: Sang Yeol Lee (Gyeongsang National University)

11:15-11:50	Circadian PRX over-oxidation: clock component or rhythmic output?	*John O'Neill(University of Cambridge)*
11:50-12:15	Circadian Oscillation of Mitochondrial Sulfiredoxin Is Determined by Its Redox-Dependent Import and Peroxiredoxin III–Regulated Degradation by Lon	*In Sup Kil (Yonsei University College of Medicine)*
12:15-12:40	Peroxiredoxin 3 has a Crucial Role in the Contractile Function of Skeletal Muscle via Regulating Mitochondrial Homeostasis	*Ki Sun Kwon (Korea Research Institute of Bioscience and Biotechnology)*
12:40-12:55	Unravelling the redox connection between transcriptional and metabolic cellular timekeeping mechanisms	*Marrit Putker (University of Cambridge)*
12:55-14:00	*Lunch*	

Session Ⅶ Discussion Reader: Woo Jin Jeong (Ewha Womans University)

14:00-14:35	Untangling H2O2 toxicity from its regulatory functions using the 2-Cys peroxiredoxins and linked reductases network	*Michel Toledano (Laboratoire Stress Oxydant et Cancer)*
14:35-15:10	Roles of peroxiredoxins in redox signaling, stress responses and ageing; lessons from yeast, worms and mathematical models	*Elizabeth Veal (Newcastle University)*
15:10-15:35	Connecting design and function of cellular peroxiredoxin systems through mathematical modeling and systems analysis	*Armindo Salvador (University of Coimbra)*
15:35-15:55	*Coffee Break*	

Session Ⅷ Discussion Reader: Elizabeth Veal (Newcastle University)

15:55-16:30	Glutathionylation and recycling of peroxiredoxin 2	*Christine Winterbourn (University of Otago)*
16:30-16:55	Peroxiredoxin 2 and the regulation of platelet activation	*Tong Shin Chang (Ewha Womans University)*

Closing

16:55-17:20	Closing Remarks	*Christine Winterbourn (University of Otago)*

Organized by Prof. Sue Goo Rhee and Yonsei University College of Medicine Severance Biomedical Science Institute


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연세대학교 의과대학
한국분자·세포생물학회
시스템합성농생명공학사업단
Systems & Synthetic Agrobiotech Center


Prx-based redox relays in signaling: exception or rule?
Tobias P. Dick
Division of Redox Regulation
dkfz.
GERMAN CANCER RESEARCH CENTER
IN THE HELMHOLTZ ASSOCIATION


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International Symposiu
UCL
Université catholique de Louvain
Seoul, the 26th of October 2015
Peroxiredoxin-5, really atypical?
Bernard Knoops
Group of Animal Molecular and Cellular Biology
Institute of Life Sciences (ISV)
Catholic University of Louvain
Belgium
fnrs


소화기
Elizabeth Veal