EC PULMONOLOGY AND RESPIRATORY MEDICINE
E-Book

My Speeches on Antioxidant Stress in Lung Biology in Slideshow

Yan Wang*

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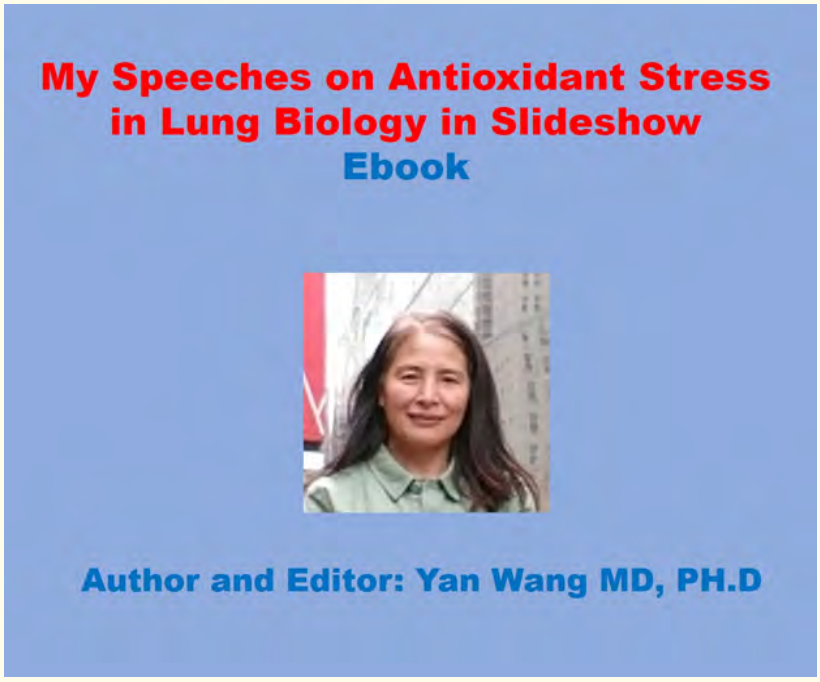

Ebook

My Speeches on Antioxidant Stress in Lung Biology in Slideshow

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Dr. Yan Wang
Wrote in Mar 2 2018 in Miami FL
Updated in Apr 9 2018 in Miami FL

Preface

I am here to thinking back about my speeches in Medicine since the past near 30 years at hospital, university or conferences, the speech to me is as at art stage to present medical result, data and contribution, it is vivid, positive and strict to communication with colleagues and group members.

Here the Data in the ebook has from my projects study since 2002, the 4 sets speeches slideshow are my original summarized and created, and I have used the slideshow in my speeches at Academic Conference, University working report and Hospital presentation; some of the data was in the middle of my working project, some data was already in maturity to report, so that I have given important part of them to describe a little on how to work on projects, and how to cooperate in group society.

For the project to oxidative stress with lung biology, I have worked it since the starting to make gene vector, and following to detect antioxidant enzyme function to induced oxidative stress until current to considering of set up the theory of oxidative and deductive state balance, the topic in 4set slideshows are 1) Speech show 2003-Newsrelease with Slideshow at EB Conference (Gene therapy in vector and pre-experimentation with additional communication contact), 2) Speech show 2005-Working in Progress at University(Prdx6 protect lung type II cell in oxidative stress), 3. Speech show 2008-Oxidative Stress Mechanism at Hospital (Oxidative and antioxidant imbalance mechanism), 4. Prdx6 Antioxidant Function to Antioxidative Stress in Lung Biology (Summary on my speeches with Prdx6 Antioxidant Function).

The aim to write the ebook is to summarize experience and provide a model in speeches communication, the meaning for this is in positive to support successful in academic achievement for Medicine in life science.

There I have mentioned much thankful to my mentors, colleagues and collaboration members.

The Ebook for publishing by the greeting invitation from the Journal of EC Cardiology in London(UK).

Yan Wang MD, Ph.D
Wrote in Apr 4 2018 in Washington DC, the United States
Updated in Apr 8 2018 in Miami FL

Author Profile with motto words

Dr. Yan Wang in 2018 Miami Florida, the United States of America.

My motto Word

Balance and imbalance is the state rooted in pheromone, which is basic resource for scientist to study nature and keep balance in truth.

--- Yan Wang MD, PH. D Mar 22 2018 in Miami FL

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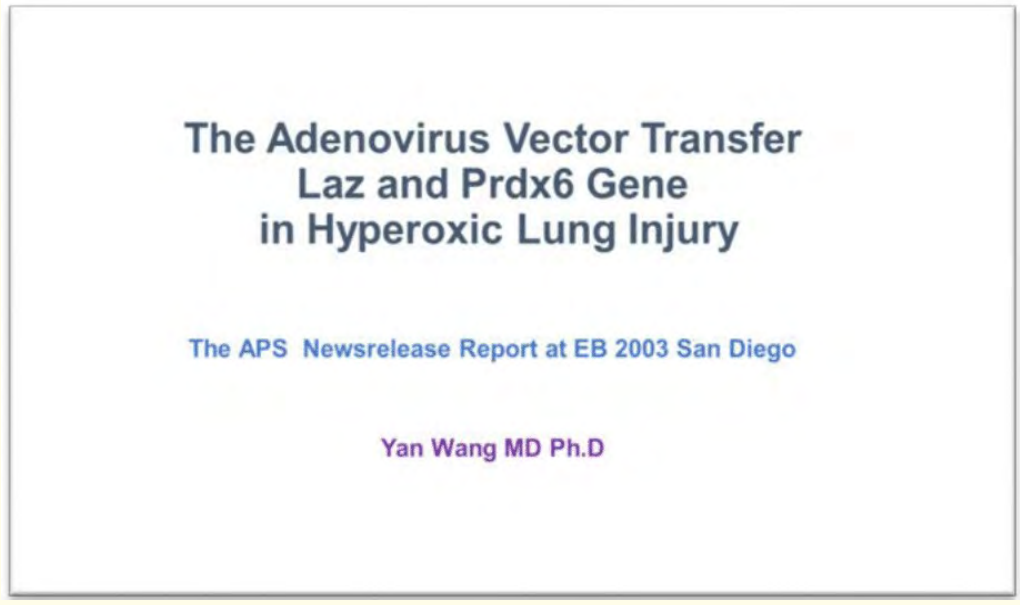

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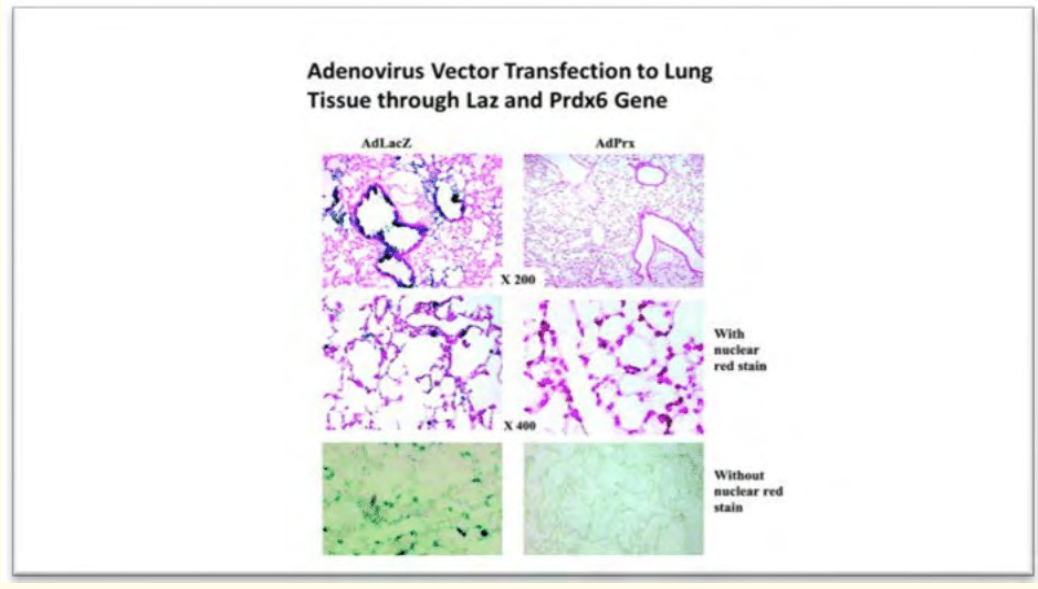

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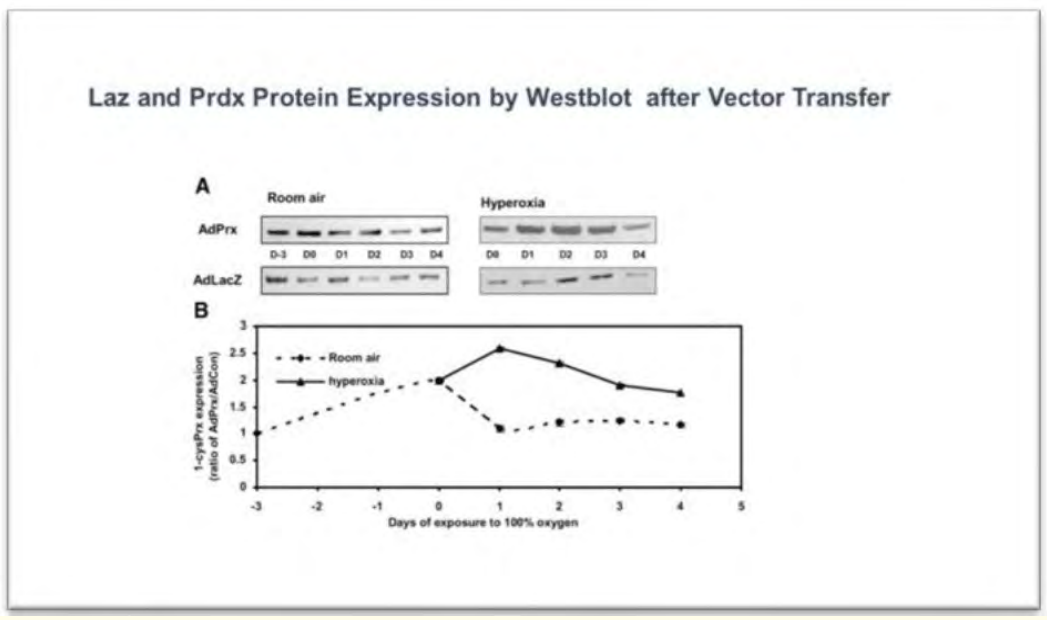

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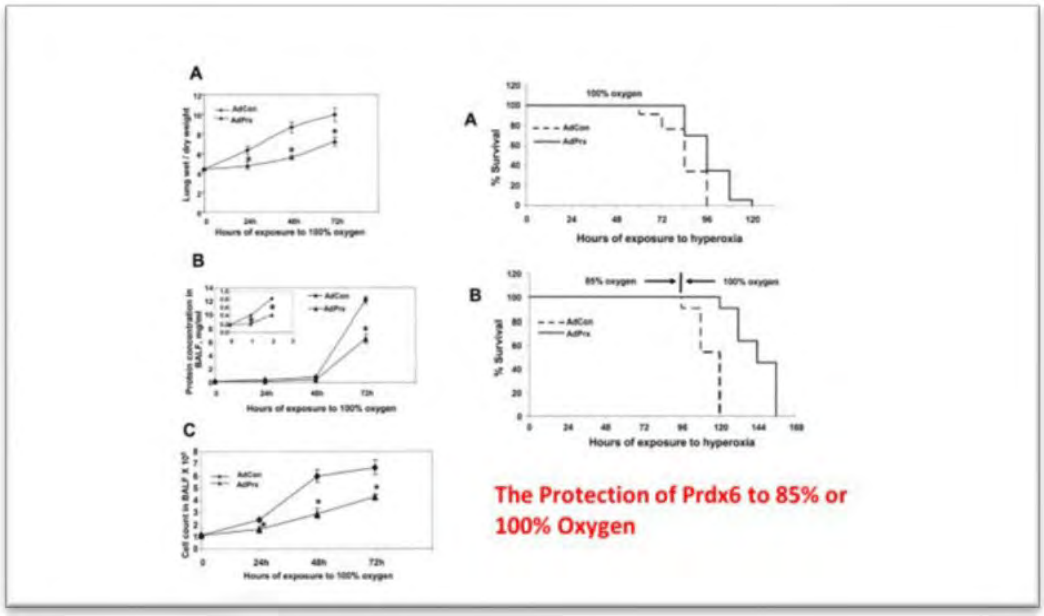

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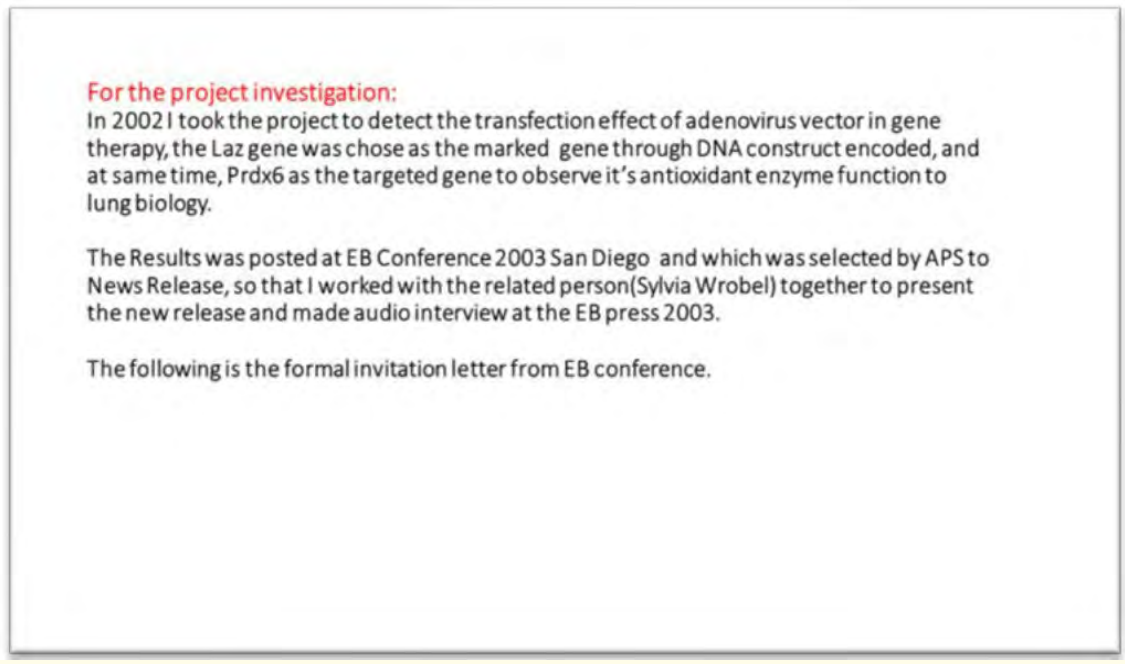


Figure 5

Additional: the 2003 news release invitation letter and contact with the Press.

Date: Sun, 2 Feb 2003 20:34:15 -0500

From: Sylvia Wrobel <swrobel@emory.edu>

Subject: experimental biology news release

To: Dr. Yan Wang (wangyan@mail.med.upenn.edu)

Dear Dr. Wang and Dr. Fisher:

Your presentation on the effects of adenovius infection on hyperoxic lung injury in mice was selected by the American Physiological Society to be included in materials to be given to reporters who will cover the Experimental Biology 2003 meeting in San Diego this April.

I am the science writer who is working with APS on the media relations for this meeting. Some of the reporters who will write articles based on our news materials will not be science writers. In order for me to help them understand your work, would you please provide me a brief description of your presentation in lay terms that would be understandable by a bright but not scientifically trained person? Please include a few sentences specifying the immediate significance of your finding and its more long-range significance. Reporters are especially interested in how research affects our understanding of human health or move forward efforts to treat or prevent disease. Your paper seems to go right in that direction. Could you expand a little on that for me? One of the things reporters will want to know is how this impacts the gene therapy now underway in humans. How should it?

The description does not have to be long. I won't give what you write to anyone else. Think of it as a letter in which you tell me what you would like to make clear to a reporter who may be interested in your work. I will make clear any distinction between the data you

are reporting and your opinion about its significance. The public relations office at your institution may be happy to help you with the background material. Or you may suggest I look at a recent article or a particular news release. If you'd rather talk for a few minutes, then let me know when is a good time to call.

When I receive your materials, I will write a news release similar to a few attached from last year's program. These should give you a sense of the level at which we try to prepare these materials. You will have a chance to review it and make changes before it is sent to any reporters. And of course everything is embargoed to the meeting.

Would it be possible for you to email me back with this information in a week or so, perhaps February 8 or 9? Please let me know if you have any questions. Otherwise, I look forward to receiving your material and to seeing you in San Diego.

Sylvia Wrobel

(My daytime number is 404 727-4347 and evening is 404 325-8584)

Date: Wed, 5 Feb 2003

From: Dr. Yan Wang (wangyan@mail.med.upenn.edu)

Subject: Re: experimental biology news release

To: Sylvia Wrobel swrobel@emory.edu

Dear Mr. Wrobel,

I am very glad to get your email.

I am a postdoctoral fellow in the laboratory of Dr. Fisher.

Currently I have done much work on the issue on the effects of adenovirus transgenic infection on hyperoxic lung injury. We have added more data for the presentation in the EB meeting.

Now I already have finished writing the brief description of my presentation in lay terms, but I want Dr. Fisher to check it. Dr. Fisher is in Spain now, now we faxed the paper to him, once I get response from him, I will let you know.

Have a nice day.

Yan Wang

Date: Wed, 5 Feb 2003 12:30:21 -0500

From: Sylvia Wrobel swrobel@emory.edu

Subject: Re: experimental biology news release

To: Dr. Yan Wang (wangyan@mail.med.upenn.edu)

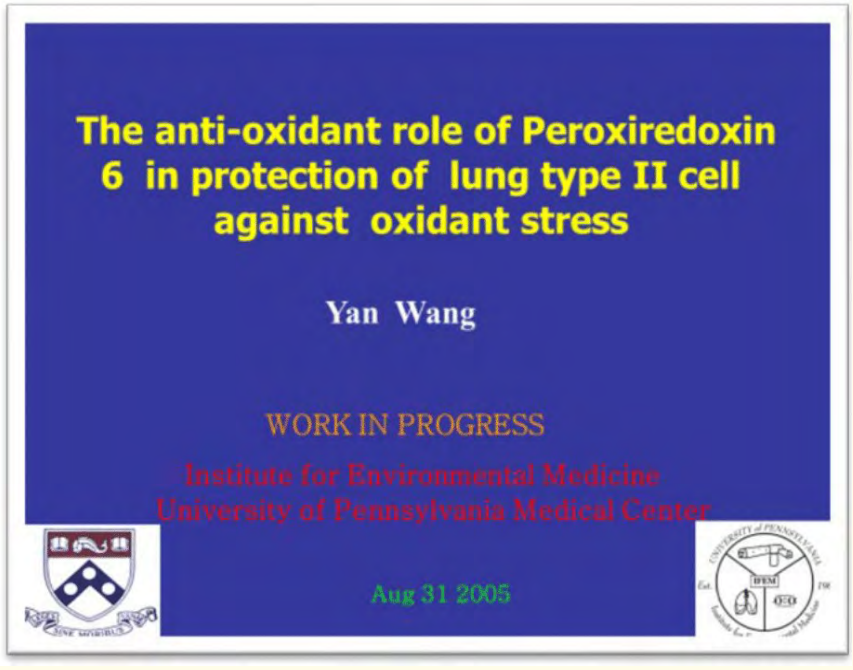
Thank you very much, I look forward to receiving it. Best, Sylvia

PS, is it correct to say that Dr. Yan Wang is a postdoctoral fellow in the laboratory of Dr. Aron Fisher? if not, would you please clarify? We like to credit the lab for graduate or postdoctoral fellows. Thanks.

Again, these are examples only for you to glance at to see how complex we generally make the news releases.

2. Speech show 2005-Working in Progress at University

Prdx6 protect Lung Type II Cell in Oxidative Stress



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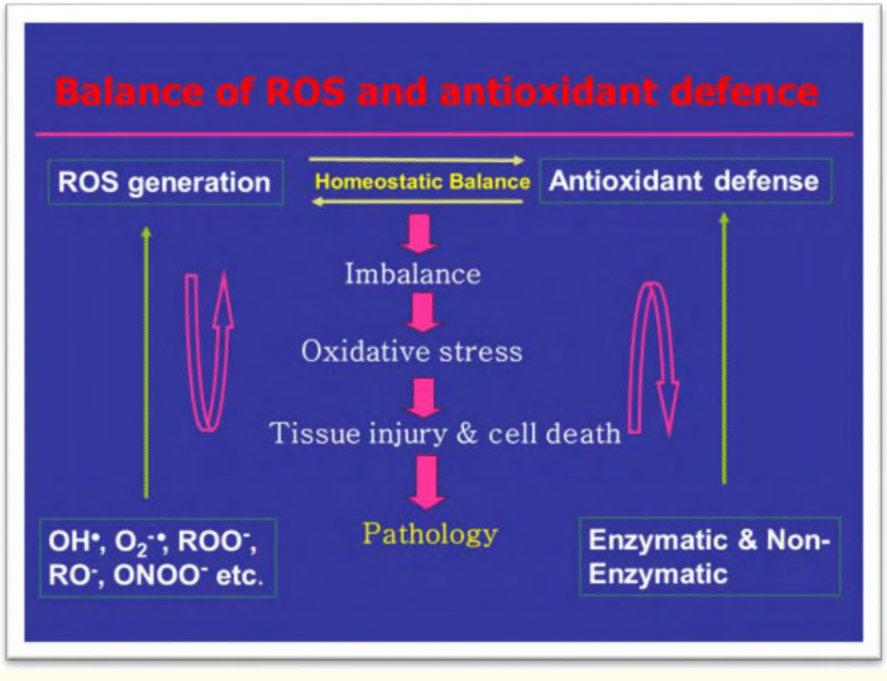

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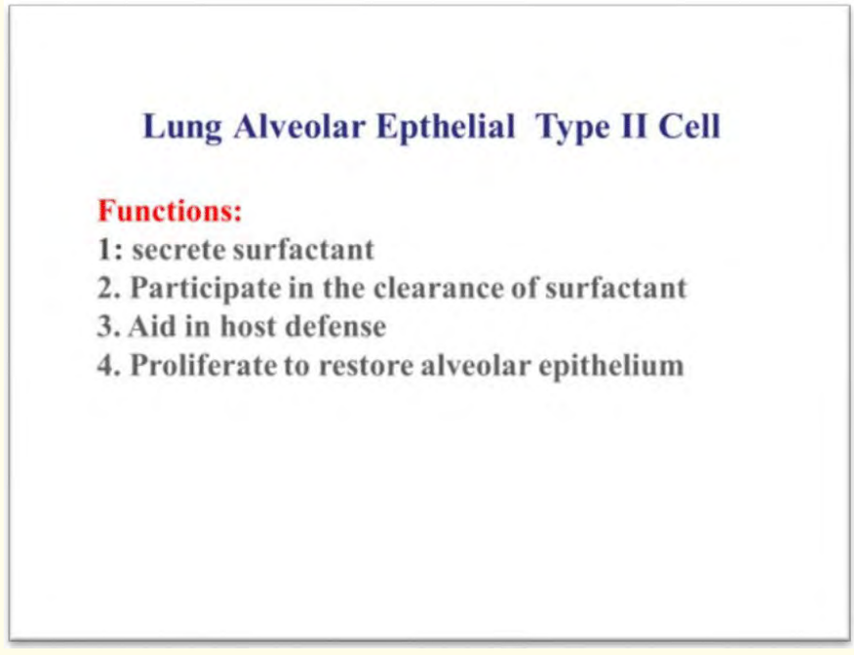

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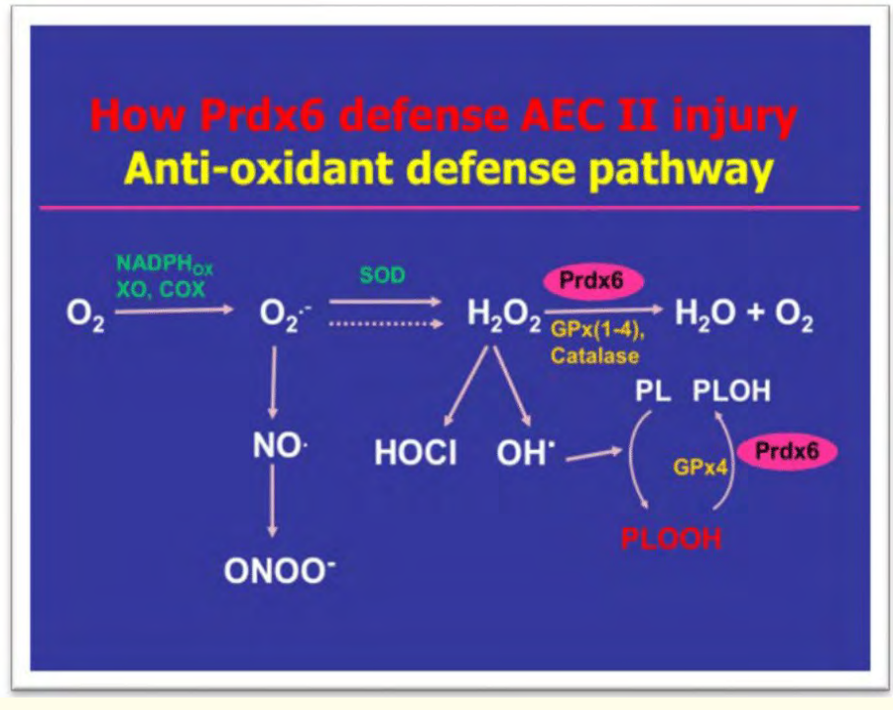

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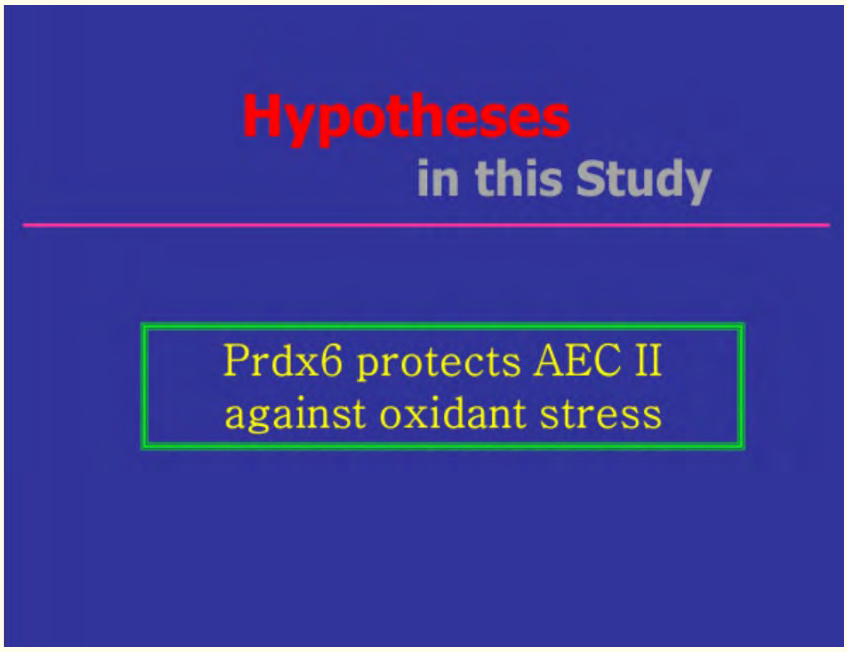

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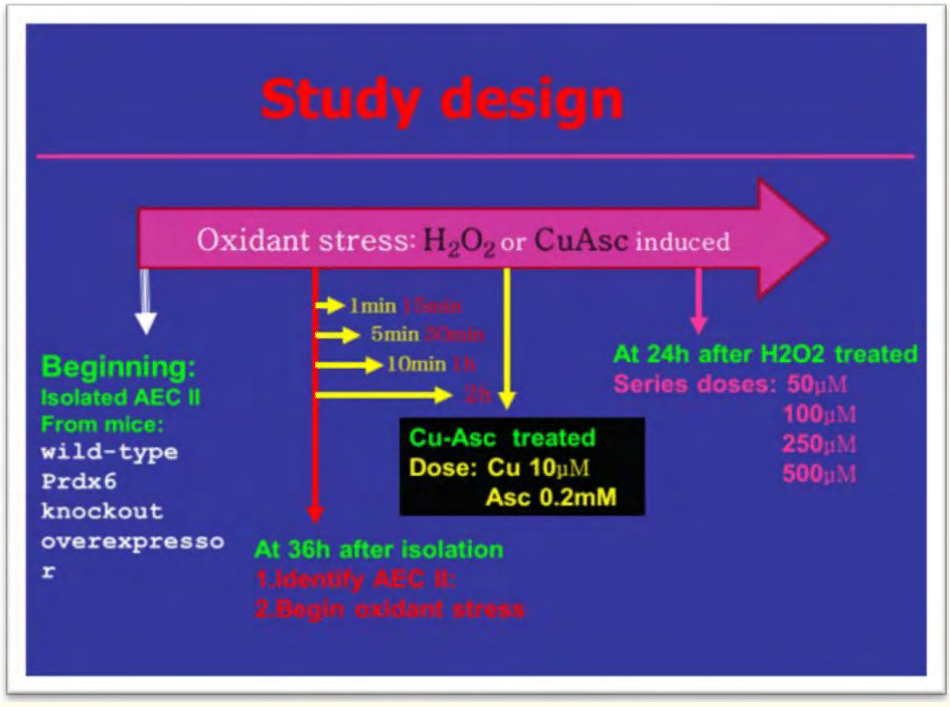

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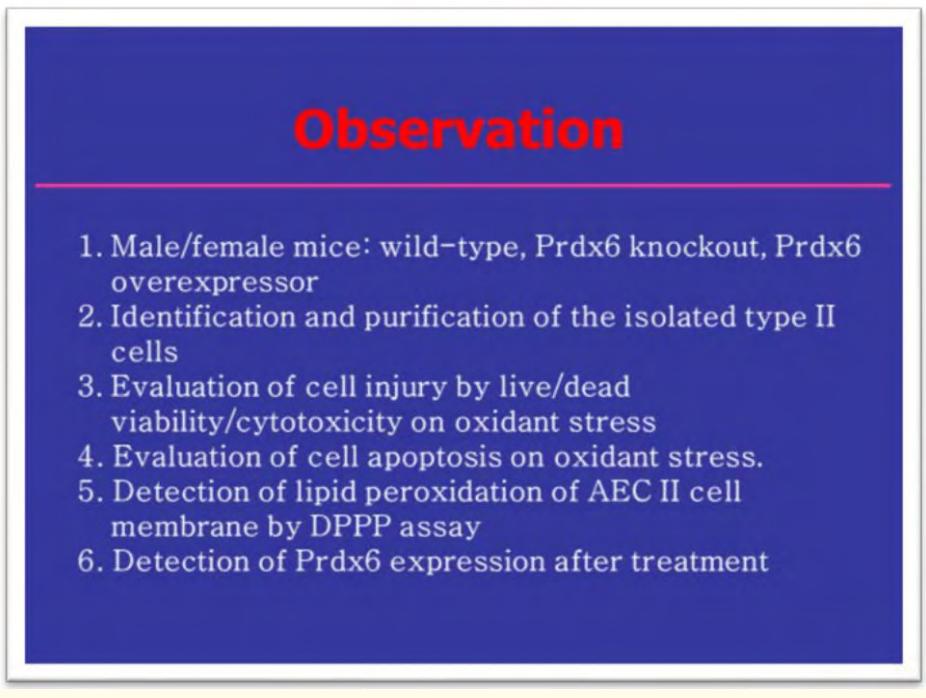

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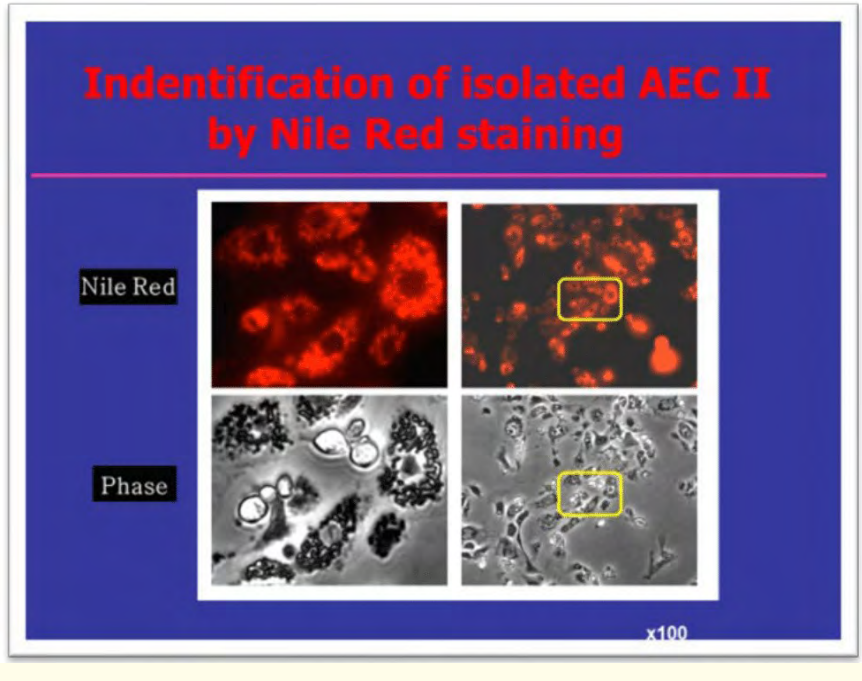

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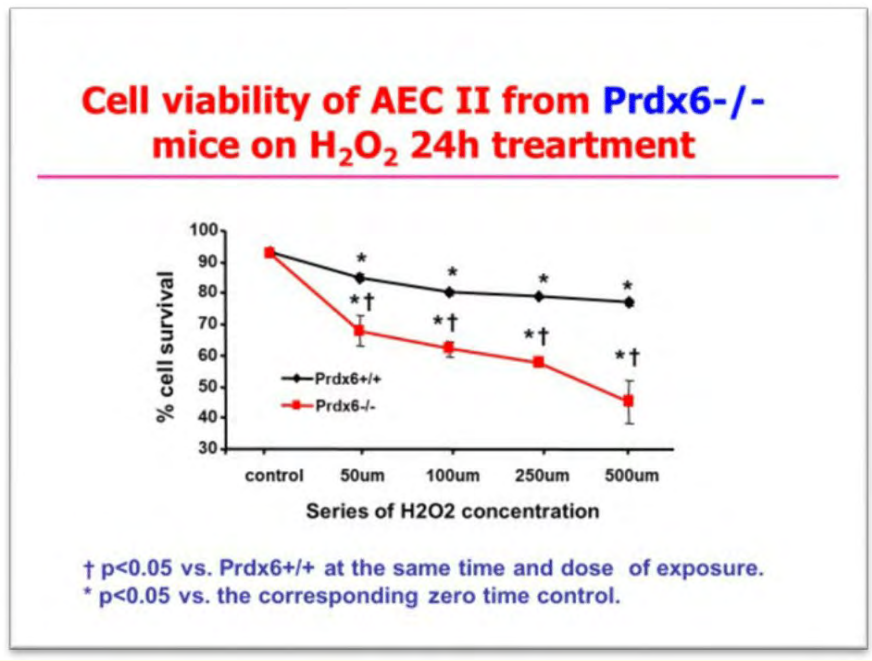

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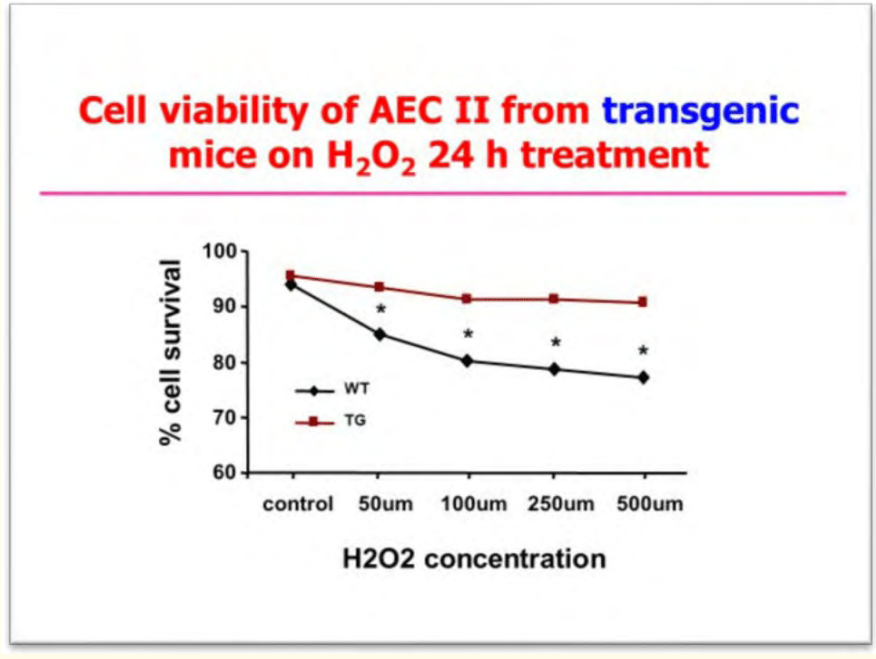

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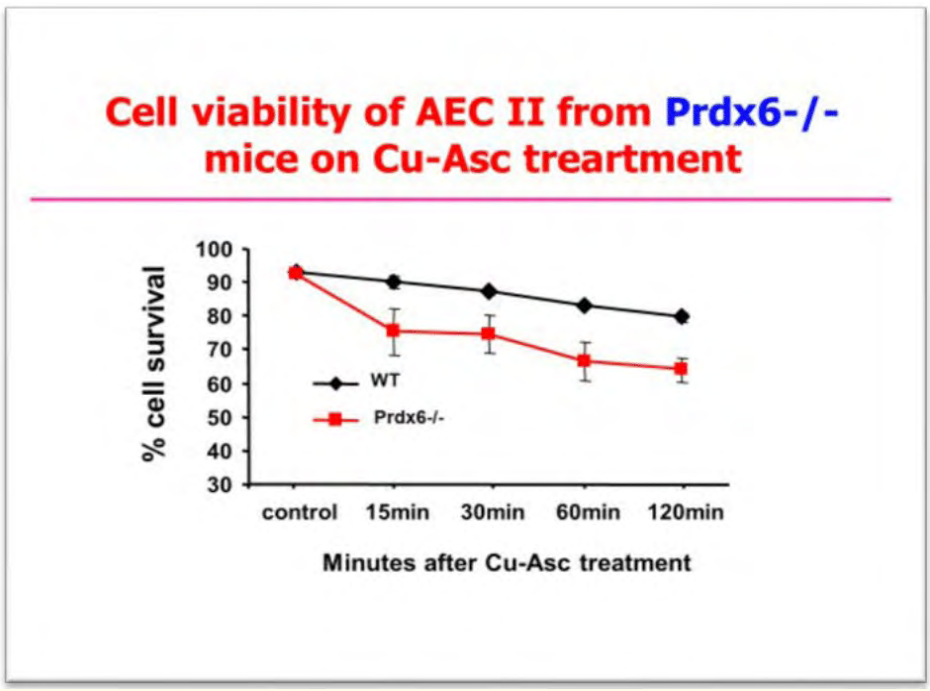

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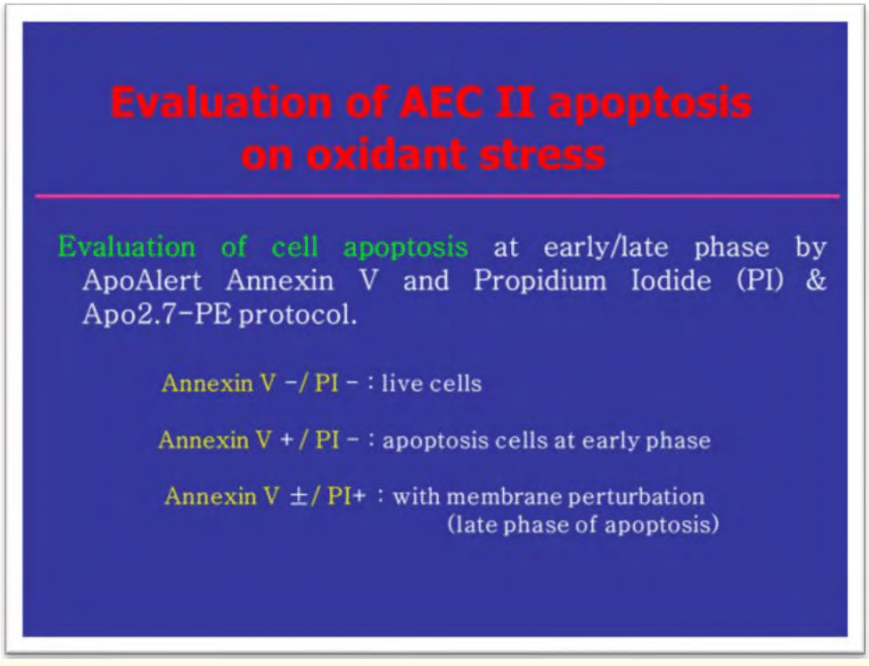

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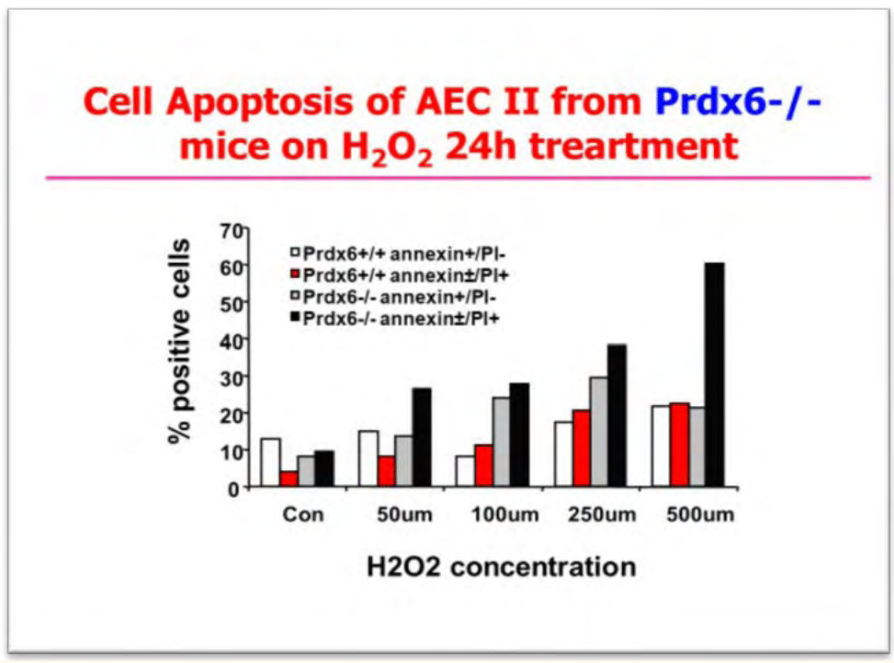

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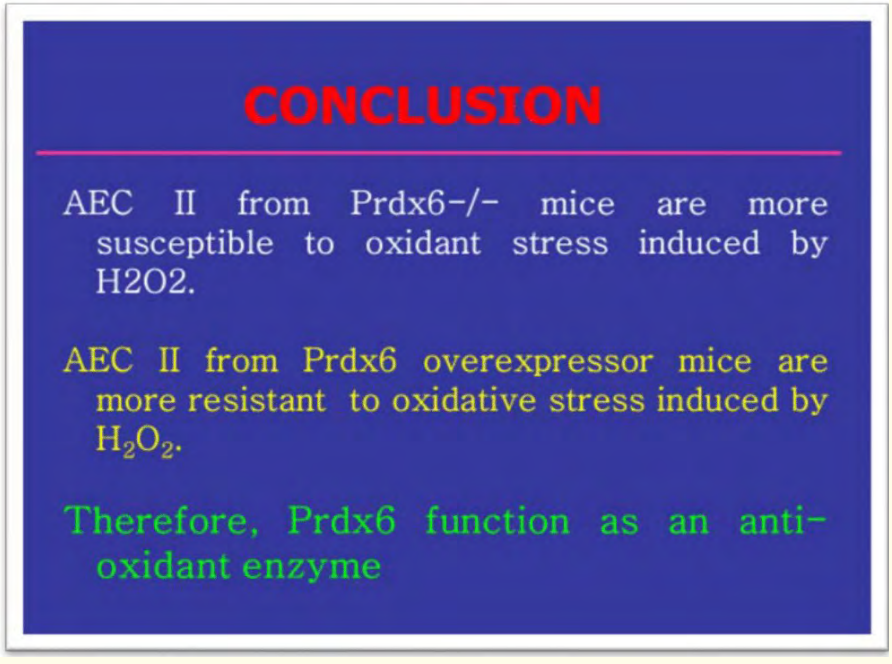

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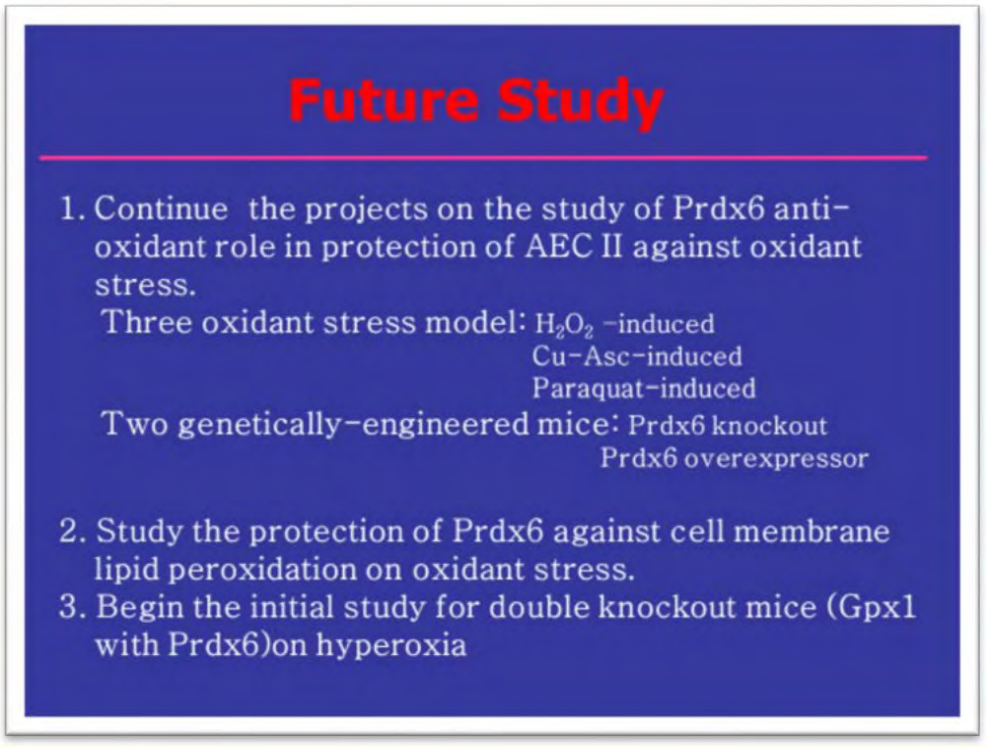

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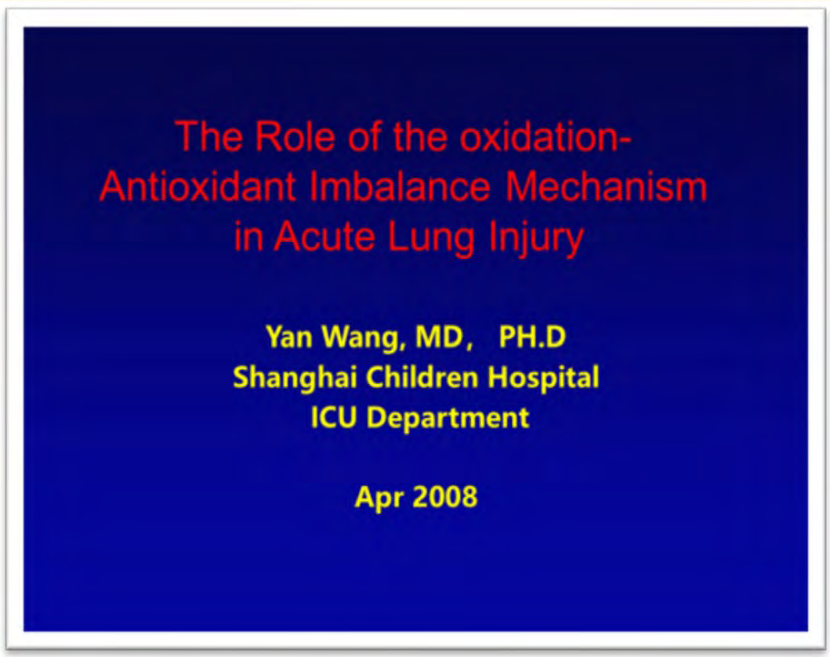
3. Speech show 2008-Oxidative Stress Mechanism at Hospital

Oxidative and antioxidant imbalance mechanism



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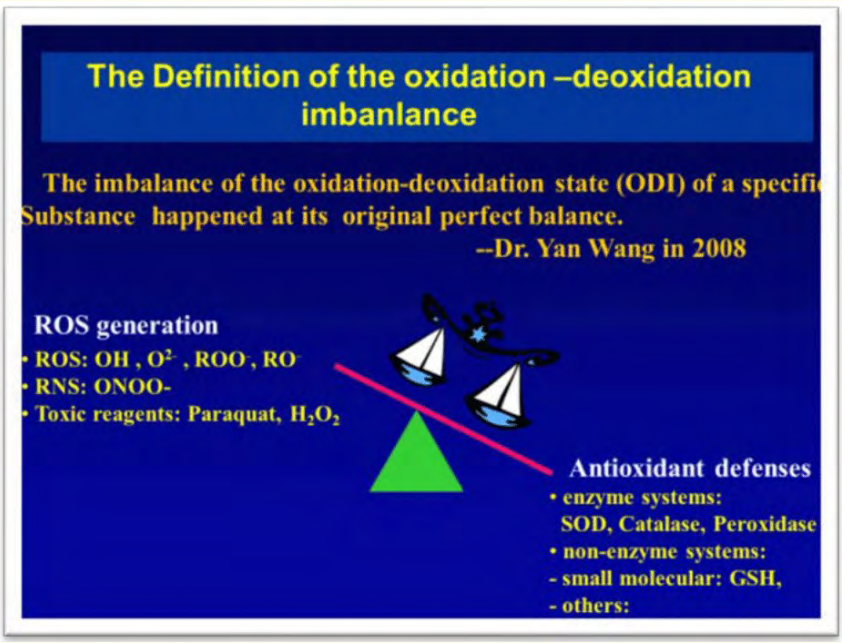

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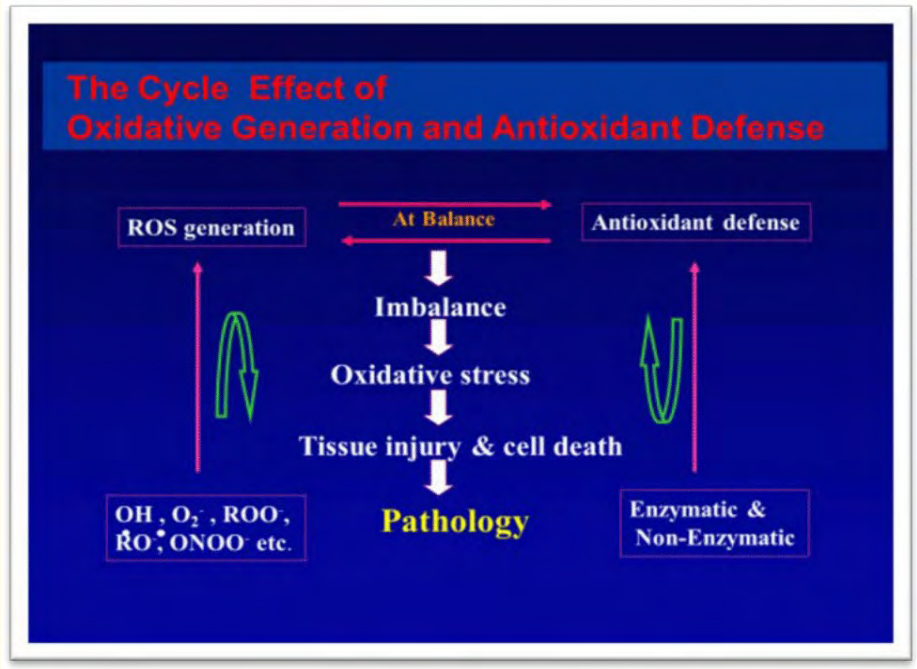

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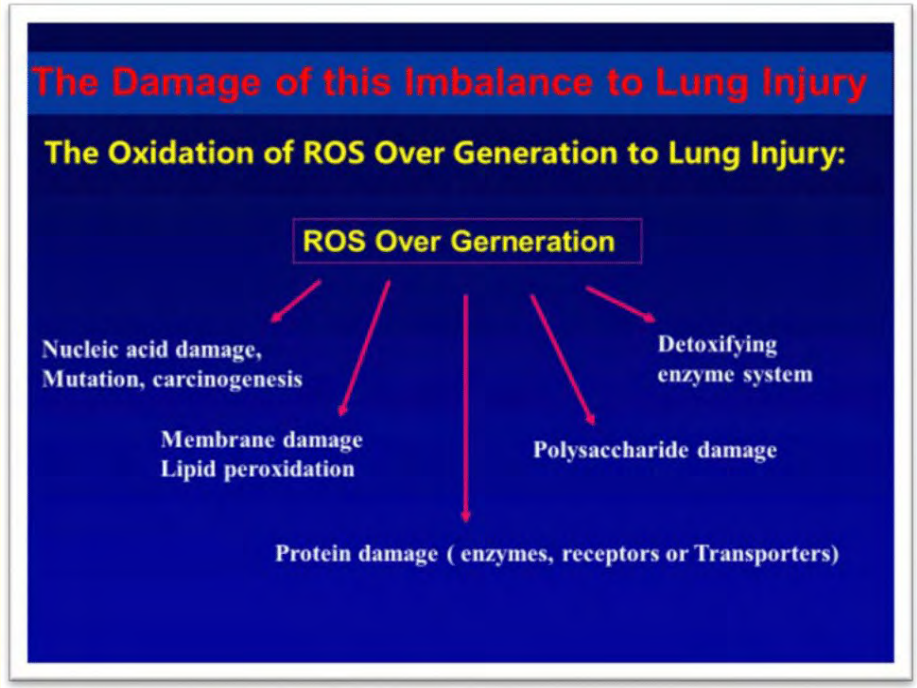

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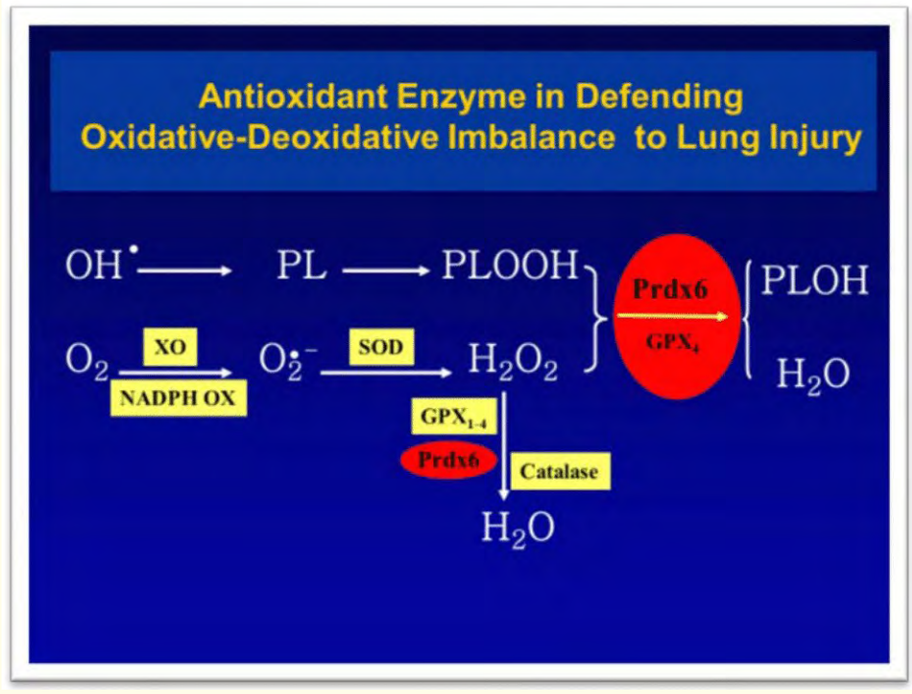

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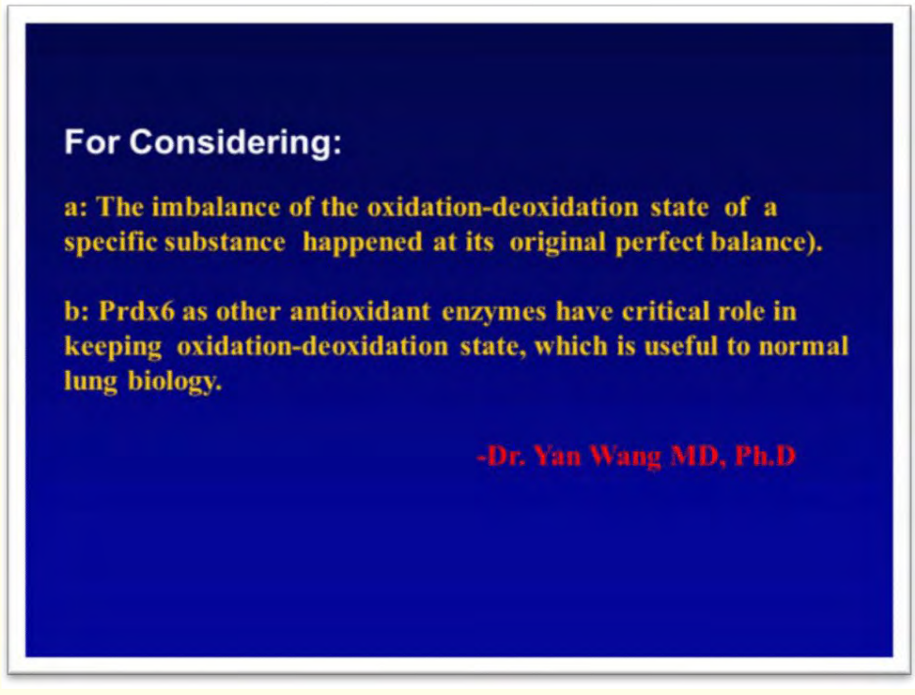

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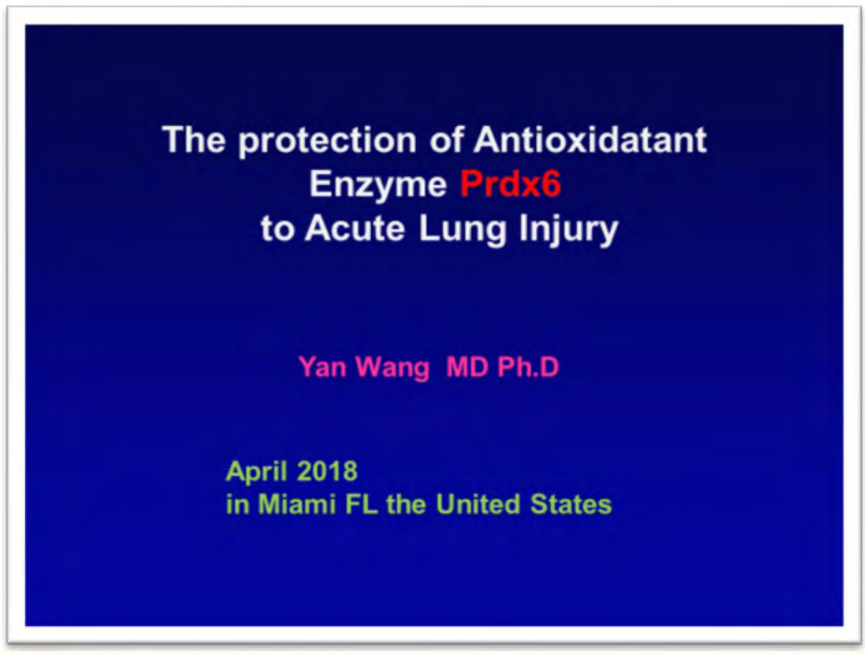
4. Prdx6 Antioxidant Function to Antioxidative Stress in Lung Biology

Summary on my speeches with Prdx6 Antioxidant Function



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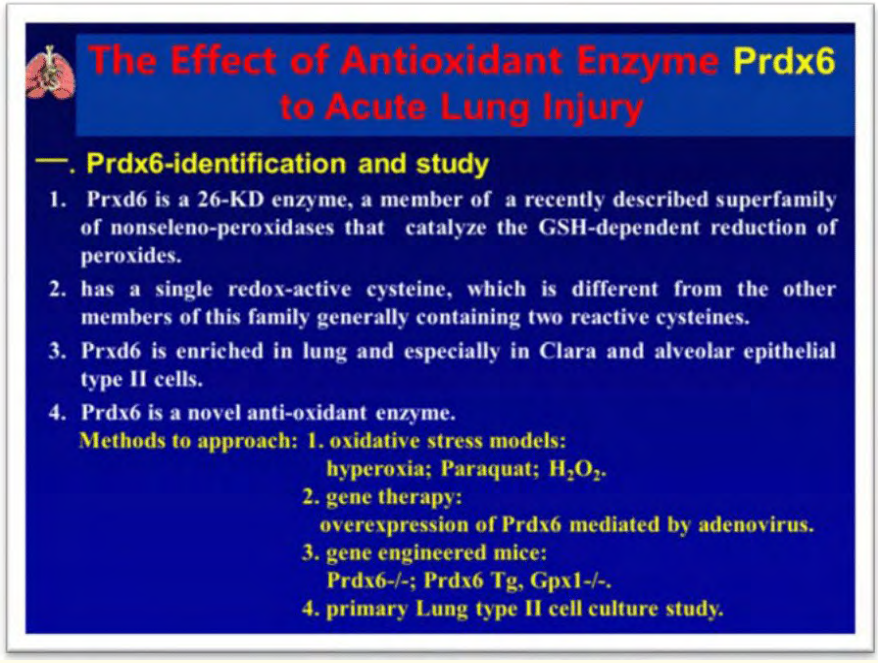

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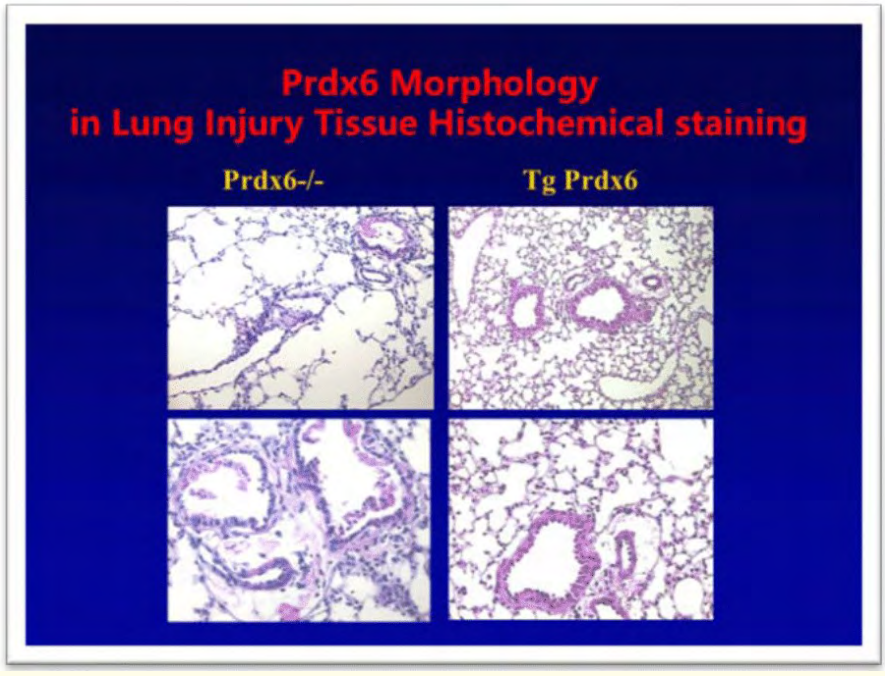

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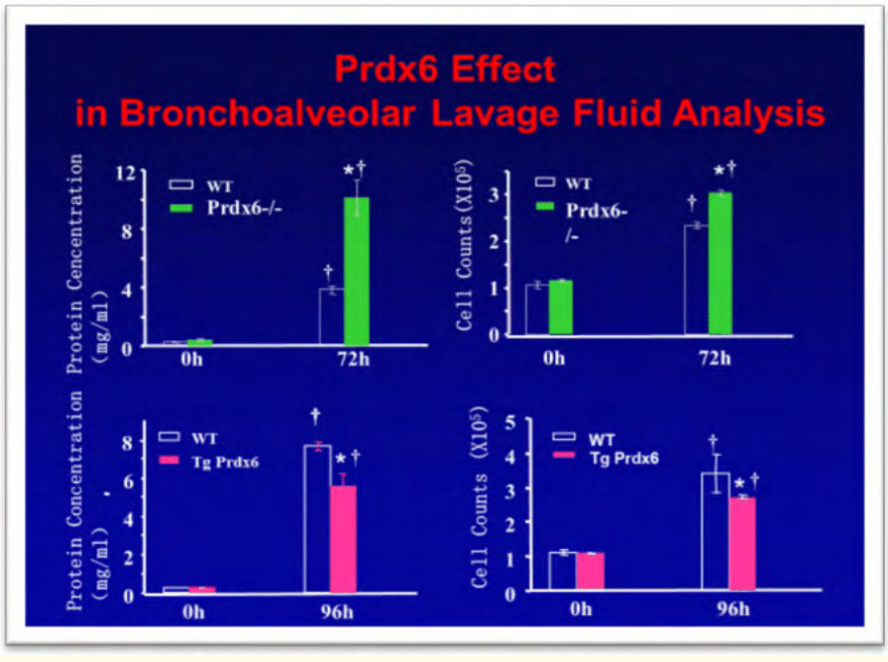

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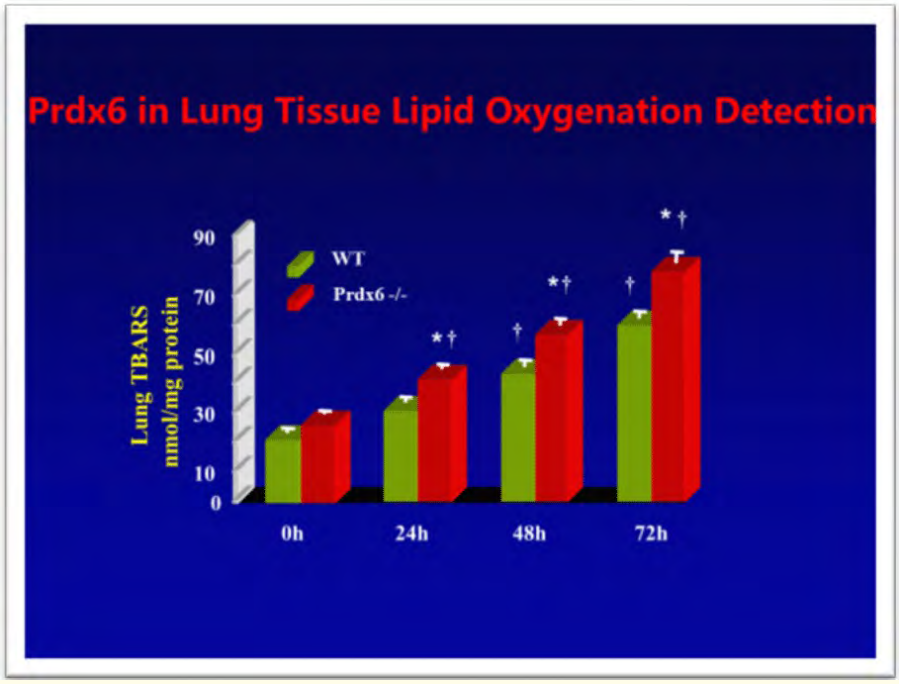

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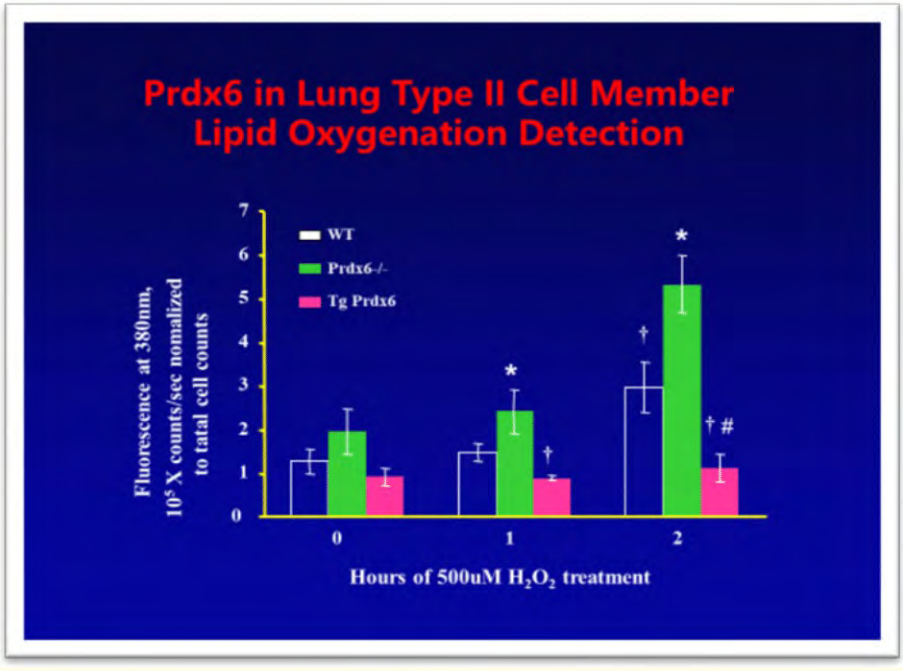

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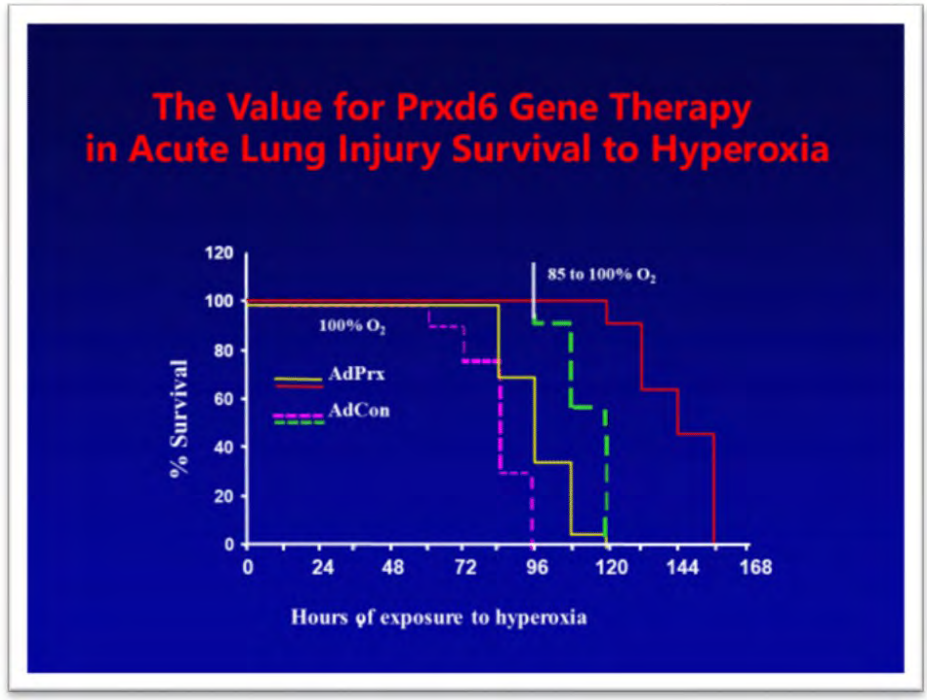

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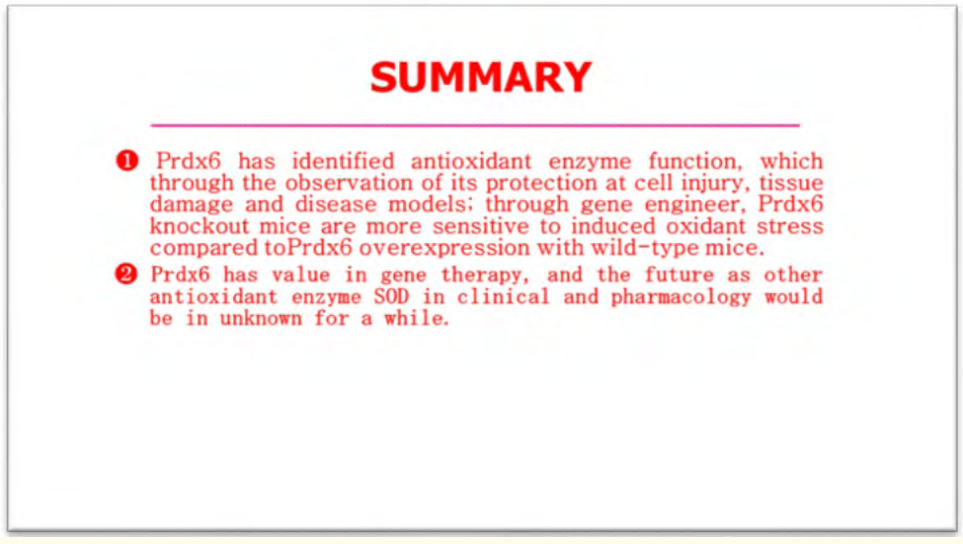

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Author Introducing

I, Dr. Yan Wang is a doctor and scientist in Medicine, I have Medicine Bachelor degree (M.D) in General Medicine and Pediatrics in 1990, I also Doctoral Philosophy Degree (Ph.D) in Emergency and Pulmonary Medicine in 1998. I has worked at the Miami University in Miami (since2000), Pennsylvania University in Philadelphia (since 2002) and Imperial College in London (2014). Currently I am attending doctor, professor, director and committee member at hospitals, medicine organizations and Journal Presses, I am honored membership in American Physiological Society, American Thoracic Society, and the Physiological Society in the United Kingdom. I have involved in basic and clinical study since 1990 and taken the investigator role for projects and programs at 1). Nitric Oxide (NO) and endothelial (ET) on respiratory biology study; 2). Oxidative stress and antioxidative enzymes (Prdx, SOD or Gpx) on cellular biology and gene transfection study; 3). Pulmonary and cardiovascular diseases with immunological response and infection study.

I have 1). Published a plenty of first-authored articles on peer-reviewed journals, 2). presented my observation at local, national or international scientific conferences, 3). also given high-qualified speeches, teach-courses and news release, 4). I have several books published in China, the United States and the United Kingdom.

Current I have accumulated extensive knowledge, experience and practice in Medicine. My contributions and achievements on medicine about 30-year effort have already gotten enough attention on the way of scientists viewing the interrelationship among respiratory biology, cardiovascular diseases, anti-oxidative stress and creative medicine advanced approach.

My Research Interest at General Medicine, Respiratory and cardiovascular medicine, oxidative stress, and antioxidant enzyme defense, smaller molecular Nitric Oxide and its enzyme, cell injury and acute lung injury, biochemistry or gene engineer pharmacy.
Yan Wang MD, Ph.D
Wrote in Mar 25 2018 Miami Fl

Author Profile Photo in Academic Activity

Dr. Yan Wang at Experimental Biology Conference 2006, San Francisco California, the United States of America.

Author Speeches List

Dr. Yan Wang Speeches in time lines

	Teaching location	Teaching On
1990-1993	Zhengzhou Central Hospital	Clinical, Research
1993-1998	Shanghai Fudan University (China)	Clinical, Course, Research
1998-2000	Shanghai Children Hospital (China)	Clinical, Research
2002-2007	University of Pennsylvania (America)	Projects, Research, Article
2007-2008	Shanghai Children Hospital (China)	Clinical, Research
2011-2012	Shanghai XH Central Hospital	Clinical, Research

My Speeches in the United States of America

1. Sep-2003: Effect of increased or decreased expression of 1-cys Prdx on mouse lungs subjected to oxidative stress, the Institute of Environmental Medicine, University of Pennsylvania Medicine School.

2. May-2004: Mice with targeted mutation of Prdx6 are more susceptible to oxidative stress, the Institute of Environmental Medicine, University of Pennsylvania Medicine School.

3. May-2004: Adenovirus-mediated transfer of the 1-cys peroxiredoxin gene to mouse lung protects against hyperoxic injury, the 100th American Thoracic Society Conference 2004.

4. Jun-2004: Mice with targeted mutation of 1-cys peroxiredoxin are susceptible to oxidative stress, the 10th Annual Respiration Research Retreat at University of Pennsylvania.

5. Dec-2004: Transgenic and knockout mice for studying the role of Prdx6 antioxidant function against oxidative stress, the Institute of Environmental Medicine, University of Pennsylvania Medicine School.

6. Aug-2005: The anti-oxidant role of Peroxiredoxin 6 in protection of lung type II cell against oxidant stress, the Institute of Environmental Medicine, University of Pennsylvania Medicine School.

7. May-2006: Peroxiredoxin 6 antioxidation function, a study in lung type II cells and Gpx1-/- mice, the Institute of Environmental Medicine, University of Pennsylvania Medicine School.

8. Jun-2007: The postspective of Peroxiredoxin 6 defending oxidative lung injury and perspectives of its therapeutic likelihood in respiratory diseases, the Institute of Environmental Medicine, University of Pennsylvania Medicine School.

My Speeches in China

1. May-1997: The distribution of nitric oxide synthases (NOS) in the lungs of young rats and the effect of acute hypoxia on NOS activity, 97" Shanghai Pediatrics Annual Symposium of Chinese Medical Association.

2. July-1997: The change of plasma Nitric Oxide (NO) and Endothelin-1 (ET) on acute hypoxic and its drug intervention, Symposium on Basic Sciences and Clinical Applications of Nitric Oxide.

3. Nov-1997: The interaction of serum Nitric Oxide (NO) and Endothelin-1 (ET) on acute hypoxic and its drug intervention, the 12th Chinese Pediatrics Conference.

4. Oct-1998: The changes of serum NO and ET-1 in pneumonia respiratory failure and its value, the 5th China Pediatrics Symposium on Emergency Treatment of Critical Diseases.

5. Nov-2000: Influence of $PaCO_2$ on plasma endothelin-1 and nitric oxide in pneumonia respiratory failure, 2000 Shanghai Pediatrics Symposium.

6. Nov-2006: Peroxiredoxin 6 protecting lung type II cell injury on H_2O_2-induced oxidative stress, in 3rd International Symposium on Respiratory Diseases and 14th Congress of the Asia Pacific Association.

7. Nov-2006: The role of Peroxiredoxin 6 in oxidative lung injury, Department of Pulmonary, Zhongshan Hospital of Fudan University.

8. Apr-2008: The mechanism role of antioxidant-reductant imbalance in acute lung injury, Department of ICU, Shanghai Children's Hospital of Shanghai JiaoTong University.

9. Jun-2008: The antioxidative therapy on acute lung injury by marrow stem cell from Prdx6 transgenic mice, Shanghai PuJiang Oversea Professional Report Meeting.

10. July-2008: The value of the endogenous inflammation from adenovirus being a vector on gene therapy to acute lung injury, the 5th National Middle Youngth Scientific Communication Congress.

Author Chronology

Yan Wang, MD Ph.D

1. 1967 April 27, Born in Zhengzhou, Henan in China, Father was a Doctor in General Medicine, and Mother was a worker in factory.

2. 1974 September to 1979 June, Had Primary Scholar education in Zhengzhou.

3. 1979 September to 1982 June, Had Middle School education at the 16th Middle School in Zhengzhou.

4. 1982 September to 1985 June, had High School education at the 16th Middle School in Zhengzhou.

5. 1985 September to 1990 June, had Medical College Education at XinXiang Medical College in Henan.

6. 1990 September to 1993 July, at Residency Doctor at Zhengzhou Central Hospital to Zhengzhou University (pre named; Zhengzhou the 4th Hospital) in Henan.

7. 1993 August to 1998 June, Had Graduate Education to Master and Ph.D Degree at Shanghai Fudan University Medical School.

8. 1994 October, Received the DongFang Fundation Reward from Shanghai FuDan University medical School on my Graduate study and clinical practice support.

9. In 1996, being the investigator on project of Nitric Oxide biology to pulmonary at Shanghai FuDan University Medical School.

10. 1997 May, gave speech on the distribution of nitric oxide synthases (NOS) in the lungs of young rats and the effect of acute hypoxia on NOS activity, 97" Shanghai Pediatrics Annual Symposium of Chinese Medical Association in China.

11. 1997 July, attended and gave speeches on Nitric Oxide study to pulmonary hypertension at Symposium on Basic Sciences and Clinical Applications of Nitric Oxide in China.

12. 1997 November, gave speech on the interaction of serum Nitric Oxide (NO) and Endothelin-1 (ET) on acute hypoxic and its drug intervention at the 12th Chinese Pediatrics Conference in China.

13. 1998 July, at Attending Doctor at Shanghai Children Hospital with important role at academical in teaching and projects.

14. 1998 October, gave speech on the changes of serum NO and ET-1 in pneumonia respiratory failure and its value at the 5th China Pediatrics Symposium on Emergency Treatment of Critical Diseases in China.

15. In 1999, published my first English version article on NO study at Chinese Medical Journal 112 (4).

16. In 1999, being the investigator on the projects of Carbon Monoxide biology to pulmonary at Shanghai Children Hospital.

17. 2000 September, being Professor appointed at Shanghai Children Hospital.

18. 2000 April, received the Scholar Fellow offer letter from the Department of Pediatrics, Neonatal Division, University of Miami School of Medicine, the United States of America.

19. 2000 October to 2001 September, at Scholar Fellowship at the University of Miami School of medicine in the United States of America.

20. 2000 November, gave speech on Influence of $PaCO_2$ on plasma endothelin-1 and nitric oxide in pneumonia respiratory failure at 2000 Shanghai Pediatrics Symposium in China.

21. 2000 December, Entered the United States of America with J1 Visa in Los Angeles, California.

22. 2001 July to 2002 June, at Postdoctoral position at the Department of Emergency, Albert Einstein Medical Center to Thomas Jefferson University Healthy System in Philadelphia, the United States of America.

23. 2002 July to 2004 June, at Postdoctoral position at the University of Pennsylvania School of Medicine, the United States of America.

24. 2003 April, attended and presented APS news on my gene therapy study at the Conference of Experimental Biology (EB) in San Diego, the United States of America.

25. 2003 September, gave speech on Effect of increased or decreased expression of 1-cys Prdx in lung subjected to oxidative stress at the Institute of Environmental Medicine, University of Pennsylvania Medicine School in the United State of America.

26. 2004 July to 2007 June, had Research Associate Position at the University of Pennsylvania School of Medicine in the United States of America.

27. 2004 December, gave speech on transgenic and knockout study on the role of Prdx6 antioxidant function against oxidative stress, the Institute of Environmental Medicine, University of Pennsylvania Medicine School in the United State of America.

28. 2004 May, gave speech on targeted mutation of Prdx6 are more susceptible to oxidative stress at the Institute of Environmental Medicine, University of Pennsylvania Medicine School in the United State of America.

29. 2004, May attended and gave oral presentation on at the 100th American Thoracic Society Conference in Orlando in the United States of America.

30. 2004 June, attended and gave speech at the 10th Annual Respiration Research Retreat at University of Pennsylvania. the United States of America.

31. 2005 August, gave speech on the anti-oxidant role of Peroxiredoxin 6 in protection of lung type II cell against oxidant stress at the Institute of Environmental Medicine, University of Pennsylvania Medicine School in the United State of America.

32. In 2005, the Department of International Student and Scholar Services at University of Pennsylvania applied Green Card on my interest by the way from the Labor of Department of the United States of America.

33. 2006 May, gave speech on Peroxiredoxin 6 antioxidation function, a study in lung type II cells with Gpx1-/- at the Institute of Environmental Medicine, University of Pennsylvania Medicine School in the United State of America.

34. 2006 September, Joined the American Physiology Society Membership, the Headquarter is located at Bethesda Maryland, the United States of America.

35. 2006 November, gave speech on the role of Peroxiredoxin 6 in oxidative lung injury at Department of Pulmonary, Zhongshan Hospital of Fudan University in China.

36. 2006 November, in Speech section for Peroxiredoxin 6 protecting lung type II cell injury on H_2O_2-induced oxidative stress at 3rd International Symposium on Respiratory Diseases and 14th Congress of the Asia Pacific Association in China.

37. 2007 March, I on-self applied American Green Card in Philadelphia on National Interest by the Consular Processing of the United States of America.

38. In 2007, at Professor candidate at University of Harvard School of Medicine and University and Colorado school of Pharmacy.

39. 2007 June, gave speech on the prospective of Peroxiredoxin 6 defending oxidative lung injury and perspectives of its therapeutic likelihood in respiratory diseases at the Institute of Environmental Medicine, University of Pennsylvania Medicine School in the United State of America.

40. 2007 August, being Committee Member and professor at the Committee of the 14th Pediatrics Respiratory Group of the Chinese Medical Association.

41. 2008 April, attended and posted at the 8th International Congress on Pediatric Pulmonary (CIPP) in Nice, France.

42. 2008 April, gave speech on the mechanism role of antioxidant-reductant imbalance in acute lung injury at Department of ICU, Shanghai Children's Hospital of Shanghai JiaoTong University in China.

43. 2008 June, gave speech on the antioxidative therapy on acute lung injury by marrow stem cell study, at Shanghai PuJiang Oversea Professional Report Meeting in China.

44. 2008 July, gave speech on the value of the endogenous inflammation from adenovirus being a vector on gene therapy to acute lung injury at the 5th National Middle Youngth Scientific Communication Congress in China.

45. In 2008, invited to join writing the chapters of book on Gene Therapy from one Europe Press.

46. In 2011, at Attending Doctor, Professor and Director of the Pediatrics Department and the Medical Services Section, with Dean Assistant at Shanghai HongCi Children's Hospital in China.

47. In 2012, gave speech on the protection of Peroxiredoxin 6, an anti-oxidative enzyme to lung type II cell at Shanghai Xuhui Central Hospital in China.

48. 2013 February, had VISA interview at the American Embassy in GuangZhou, China.

49. 2013, July 31, Proved and Received American Permanent Residency Green Card at the Entry Customs in Los Angeles, the United States of America.

50. In 2014, at Research Fellow at Imperial College London, the United Kingdom.

51. In 2014, at Editorial panel to E-Cronicon Cardiology Journal, London, the United Kingdom.

52. In 2014, at Associate Professor candidate at University of Harvard School of medicine.

53. In 2015, at Editorial Board to Symbiosis Group, Journal of Pharmacy and Pharmaceutical Sciences, Illinois, the United States of America.

54. In 2015 October, Joined the American Thoracic Society Membership, the headquarter is in New York City, the United States of America.

55. In 2017 June, Joined the Physiology Society Membership, the Headquarter is in London, the United Kingdom.

56. In 2017 October, Published the critical article and book on my article thesis collection at E-Cronicon Cardiology Journal, London, the United Kingdom.

Book Back cover information

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