




## CV Template of KATRD International Conference 2021

<b>Name</b>	Kiyoyasu Kurahashi			
<b>First Name</b>	Kiyoyasu	<b>Last Name</b>	Kurahashi	
<b>Country</b>	Japan			
<b>Organization</b>	International University of Health and Welfare			
<b>Current Position</b>	Professor & Chair, Deputy Director			

### Educational Background

- Bachelor of Medicine: Yokohama City University School of Medicine – Yokohama, Japan (March 1989)
- Doctor of Medicine – Yokohama City University Graduate School of Medicine – Yokohama, Japan (February 2000)

### Professional Experiences

- 1991- Trainer, Department of Anesthesiology, Yokohama City University Hospital, Yokohama, Japan
- 1996- Visiting Postdoctoral Fellow, Department of Anesthesiology, University of California at San Francisco, San Francisco, CA
- 2002- Assistant Professor, Department of Anesthesiology and Critical Care Medicine, Yokohama City University Graduate School of Medicine, Yokohama, Japan
- 2005- Associate Professor, (same as above)
- 2007- Visiting Scholar, Division of Pulmonary and Critical Care Medicine, Department of Medicine, University of Washington, Seattle, WA
- 2011- Director, Department of Anesthesiology, Yokohama City University Medical Center, Yokohama, Japan
- 2017- Professor and Chair, Department of Anesthesiology and Intensive Care Medicine, International University of Health and Welfare (IUHW), School of Medicine
- 2020- Deputy Director, IUHW Narita Hospital; Director, Division of Anesthesiology and Intensive Care Medicine, IUHW Narita Hospital

### Professional Organizations

- Japanese Society of Anesthesiologists (since 1991)
- Japanese Society of Intensive Care Medicine (since 1991)
- Japanese Respiratory Society (since 2004)
- Japanese Society of Respiratory Care Medicine (since 2013)
- American Thoracic Society (since 2002)
- American Physiological Society (since 2004)



- European Society of Intensive Care Medicine (since 2015)
- Association of University Anesthesiologists (since 2016)
- Asian Pacific Society of Respiriology (since 2017)
- European Respiratory Society (since 2017)

## Main Scientific Publications

### Books

- 1 Wiener-Kronish JP, Sawa T, Kurahashi K, Ohara M, Gropper MA. Pulmonary edema associated with bacterial pneumonia. In: Pulmonary edema. M Matthay and D Ingbar eds. Marcel Dekker, New York, 1998 pp247-267

### Journals (Original articles) (\*: corresponding author)

1. Sawa T, Yahr TL, Ohara M, Kurahashi K, Gropper MA, Wiener-Kronish JP, Frank DW. Active and passive immunization with the *Pseudomonas* V antigen protects against type III intoxication and lung injury. **Nat Med** 5:392-8,1999.
2. Kurahashi K, Kajikawa O, Sawa T, Ohara M, Gropper MA, Frank DW, Martin TR, Wiener-Kronish JP. Pathogenesis of septic shock in *Pseudomonas aeruginosa* pneumonia. **J Clin Invest** 104:743-50,1999.
3. Kurahashi K\*, Ota S, Nakamura K, Nagashima Y, Yazawa T, Satoh M, Fujita A, Kamiya R, Fujita E, Baba Y, Uchida K, Morimura N, Andoh T, Yamada Y: Effect of lung-protective ventilation on severe *Pseudomonas aeruginosa* pneumonia and sepsis in rats. **Am J Physiol Lung Cell Mol Physiol** 287:L402-10, 2004.
4. Ota S, Nakamura K, Yazawa T, Kawaguchi Y, Baba Y, Kitaoka R, Morimura N, Goto T, Yamada Y, Kurahashi K\*. High tidal volume ventilation induces lung injury after hepatic ischemia-reperfusion. **Am J Physiol Lung Cell Mol Physiol** 292: L625-31, 2007.
5. Baba Y, Yazawa T, Kanegae Y, Sakamoto S, Saito I, Morimura N, Goto T, Yamada Y, Kurahashi K\*. Keratinocyte growth factor gene transduction ameliorates acute lung injury and mortality in mice. **Hum Gene Ther** 18: 130-41, 2007.
6. Kurahashi K\*, Sawa T, Ota M, Kajikawa O, Hong K, Martin TR, Wiener-Kronish JP: Depletion of phagocytes in the reticuloendothelial system causes increased inflammation and mortality in rabbits with *Pseudomonas aeruginosa* pneumonia. **Am J Physiol Lung Cell Mol Physiol**. 296:L198-209, 2009.
7. Kurahashi K\*, Ohtsuka M, Usuda Y. Central airway occlusion underestimates intrinsic positive end-expiratory pressure: a numerical and physical simulation. **Exp Lung Res**. 35:756-69, 2009.
8. Sakamoto S, Yazawa T, Baba Y, Sato H, Kanegae Y, Hirai T, Saito I, Goto T, Kurahashi K\*: Keratinocyte growth factor gene transduction ameliorates pulmonary fibrosis induced by bleomycin in mice. **Am J Respir Cell Mol Biol**. 45:489-97, 2011.
9. Uchiyama M, Tojo K, Yazawa T, Ota S, Goto T, Kurahashi K\*: Edaravone prevents lung injury induced by hepatic ischemia-reperfusion. **J Surg Res**. 194:551-7, 2015
10. Tojo K, Nagamine Y, Yazawa T, Mihara T, Baba Y, Ota S, Goto T, Kurahashi K: Atelectasis causes alveolar hypoxia-induced inflammation during uneven mechanical ventilation in rats. **Intensive Care Med Exp**. 3:56, 2015; DOI 10.1186/s40635-015-0056-z.
11. Ota S, Yazawa T, Tojo K, Baba Y, Uchiyama M, Goto T, Kurahashi K\*: Adrenaline aggravates lung injury caused by liver ischemia-reperfusion and high-tidal-volume ventilation in rats. **J Intensive Care**. 22;4:8, 2016.
12. Tojo K, Goto T, Kurahashi K\*: Protective effects of continuous positive airway pressure on a nonventilated lung during one-lung ventilation: A prospective laboratory study in rats. **Eur J Anaesthesiol**. 33:776-83, 2016



13. Sato H, Nakamura K, Baba Y, Terada S, Goto T, Kurahashi K\*. Low tidal volume ventilation with low PEEP during surgery may induce lung inflammation. *BMC Anesthesiol.* 2016 Jul 30;16(1):47.
14. Laffey JG, Bellani G, Pham T, Fan E, Madotto F, Bajwa EK, Brochard L, Clarkson K, Esteban A, Gattinoni L, van Haren F, Heunks LM, Kurahashi K, Laake JH, Larsson A, McAuley DF, McNamee L, Nin N, Qiu H, Ranieri M, Rubenfeld GD, Thompson BT, Wrigge H, Slutsky AS, Pesenti A; LUNG SAFE Investigators and the ESICM Trials Group. Potentially modifiable factors contributing to outcome from acute respiratory distress syndrome: the LUNG SAFE study. *Intensive Care Med.* 42:1865–76, 2016.
15. Nagamine Y, Tojo K, Yazawa T, Takaki S, Baba Y, Goto T, Kurahashi K: Inhibition of Prolyl Hydroxylase Attenuates Fas Ligand-induced Apoptosis and Lung Injury in Mice. *Am J Respir Cell Mol Biol.* 55:878-88, 2016
16. Oki H, Yazawa T, Baba Y, Kanegae Y, Sato H, Sakamoto S, Goto T, Saito I, Kurahashi K\*: Adenovirus vector expressing keratinocyte growth factor using CAG promoter impairs pulmonary function of mice with elastase-induced emphysema. *Microbiol Immunol.* 61:264-71, 2017.
17. Laffey JG, Madotto F, Bellani G, Pham T, Fan E, Brochard L, Amin P, Arabi Y, Bajwa EK, Bruhn A, Cerny V, Clarkson K, Heunks L, Kurahashi K, Laake JH, Lorente JA, McNamee L, Nin N, Palo JE, Piquilloud L, Qiu H, Jiménez JIS, Esteban A, McAuley DF, van Haren F, Ranieri M, Rubenfeld G, Wrigge H, Slutsky AS, Pesenti A; LUNG SAFE Investigators and the ESICM Trials Group. Geoeconomic variations in epidemiology, patterns of care, and outcomes in patients with acute respiratory distress syndrome: insights from the LUNG SAFE prospective cohort study. *Lancet Respir Med.* 5:627-38, 2017.
18. Abe T, Madotto F, Pham T, Nagata I, Uchida M, Tamiya N, Kurahashi K, Bellani G, Laffey JG; LUNG-SAFE Investigators and the ESICM Trials Group: Epidemiology and patterns of tracheostomy practice in patients with acute respiratory distress syndrome in ICUs across 50 countries. *Crit Care.* 22:195, 2018.

(Guideline)

1. Japanese Society of Anesthesiologists, JSA-AMA Discussion Group: Isono S, Aoyama K, Asai T, Fukuda K, Goto K, Hagihira S, Hiroki K, Ichikawa T, Ishikawa T, Kagawa T, Kaminoh Y, Kawana S, Kobayashi T, Kurahashi K, Kuratani N, Kuruma T, Mizumoto K, Nakagawa M, Nakazawa K, Nishiwaki K, Sakamoto A, Sawa T, Shiraishi Y, Sobue K, Suzuki Y, Usuda Y: JSA airway management guideline 2014: to improve the safety of induction of anesthesia. *J Anesth.* 2014; 28:482-93.
2. Mukae H, Kaneko T, Obase Y, Shinkai M, Katsunuma T, Takeyama K, Terada J, Niimi A, Matsuse H, Yatera K, Yamamoto Y, Azuma A, Arakawa H, Iwanaga T, Ogawa H, Kurahashi K, Gon Y, Sakamoto H, Shibata Y, Tamada T, Nishioka Y, Haranaga S, Fujieda S, Miyashita N, Mochizuki H, Yokoyama A, Yoshihara S, Tamaoki J, JRS guidelines committee for the management of cough and sputum: The Japanese respiratory society guidelines for the management of cough and sputum (digest edition). *Respir Investig.* 2021 May;59:270-90.