

## CURRICULUM VITAE

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1969-1973 The faculty of Science, Kochi University.  
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1982-1984 The faculty of pharmacology, Kitasato University.  
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1984-1986 The faculty of Medicine, Tokyo University.  
Awarded the degree of Ph. D. in Medicine for a this entitled "Molecular-biological analysis of polio virus virulence". Work supervised by Professor Akio Nomoto.  
1986 Doctor of Medicine (Ph. D.): University of Tokyo.

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1973-1989 Researcher at the Japan Poliomyelitis Research Institute, working on molecular-biological analysis of polio virus pathogenesis.  
1989-1992 Research head at the Fundamental Research Laboratory, Tonen Co., working on molecular-biological analysis of hepatitis C virus.  
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### *Publications* (\*corresponding author)(relating to hepatitis)

1. Chi Hai-Ying, Kiori Nagano, Sayeh Ezzikouri, Chiho Yamaguchi, Mohammad Enamul Hoque Kayesh, Khadija Rebbani, Bouchra Kitab, Hirohumi Nakano, Hiroyuki Kouji, Michinori Kohara, and Kyoko Tsukiyama-Kohara. Establishment of an intermittent cold stress model using *Tupaia belangeri* and evaluation of compound C737 targeting neuron-restrictive silencer factor. *Exp. Anim.* (2016) in press.
2. \*Yosuke Osawa, Keisuke Oboki, Jun Imamura, Ekumi Kojika, Yukiko Hayashi, Tsunekazu Hishima, Toshiji Saibara, Futoshi Shibasaki, Michinori Kohara, Kiminori Kimura. Inhibition of cyclic adenosine monophosphate (cAMP)-response element-binding protein (CREB)-binding protein (CBP)/ $\beta$ -catenin reduces liver fibrosis in mice. *EBioMedicine* (2016) in press.
3. Naoki Yamamoto, Yusuke Sato, Tsubasa Munakata, Masakazu Kakuni, Chise Tateno, Takahiro Sanada, Yuichi Hirata, Shuko Murakami, Yasuhito Tanaka, Kazuaki Chayama, Hiroto Hatakeyama, Mamoru Hyodo, Hideyoshi Harashima and Michinori Kohara. Novel

pH-sensitive multifunctional envelope-type nanodevice for siRNA-based treatments for chronic HBV infection. *J. Hepatology* 2016; 64:547-555. doi: 10.1016/j.jhep.2015.10.014.

4. Takahiro Sanada, Kyoko Tsukiyama-Kohara, Naoki Yamamoto, Sayeh Ezzikouri, Soumaya Benjelloun, Shuko Murakami, Yasuhito Tanaka, Chise Tateno, and Michinori Kohara. Property of hepatitis B virus replication in *Tupaia belangeri* hepatocytes. *Biochem Biophys Res Commun*. 2015 Nov 30. pii: S0006-291X(15)30990-6. doi: 10.1016/j.bbrc.2015.11.121.

5. Takahiro Ohtsuki, Kiminori Kimura, Yuko Tokunaga, Kyoko Tsukiyama-Kohara, Chise Tateno, Yukiko Hayashi, Tsunekazu Hishima, and Michinori Kohara. M2 macrophages play critical roles in progression of inflammatory liver disease in hepatitis C virus transgenic mice. *J. Virology* 2015 Oct 14;90(1):300-7. doi: 10.1128/JVI.02293-15.

6. Yusuke Sato, Hideyoshi Harashima and \*Michinori Kohara. A Multifunctional Envelope-type Nano Device Containing A pH-sensitive Cationic Lipid for Efficient Delivery of Short Interfering RNA to Hepatocytes in Vivo. *Methods in Molecular Biology* 2015 1364, Chapter 7, 71-78.

7. Chise Tateno, Yosuke Kawase, Yoshimi Tobita, Satoko Hamamura, Hiroki Ohshita, Hiroshi Yokomichi, Harumi Sanada, Masakazu Kakuni, Akira Shiota, Yuha Kojima, Yuji Ishida, Hiroshi Shitara, Naoko A. Wada, Hiromi Tateishi, Masayuki Sudoh, Shin-Ichiro Nagatsuka, Kou-ichi Jishage, \*Michinori Kohara. Generation of Novel Chimeric Mice with 1 Humanized Livers Using Hemizygote cDNA-uPA/SCID mice: Tool for Developing New Drugs. *PLoS One*. 2015 Nov 4;10(11):e0142145.

8. Kenji Sugata, Jun-ichirou Yasunaga, Yuichi Mitobe, Michi Miura, Paola Miyazato, Michinori Kohara and \*Masao Matsuoka. Protective effect of cytotoxic T lymphocytes targeting HTLV-1 bZIP factor. *Blood* 2015 Aug 27;126(9):1095-105.

9. Sayeh Ezzikouri, Kiminori Kimura, Hajime Sunagozaka, Shuichi Kaneko, Kazuaki Inoue, Tomohiro Nishimura, Tsunekazu Hishima, \*Michinori Kohara, and \*Kyoko Tsukiyama-Kohara. Serum DHCR24 auto-antibody as a new biomarker for progression of hepatitis C. *EBioMedicine* 2015 Apr 13;2(6):604-12.

10. Makoto Saito, Takashi Takano, Tomohiro Nishimura, Michinori Kohara, \*Kyoko Tsukiyama-Kohara. 3 $\beta$ -Hydroxysterol  $\Delta$ 24-reductase on the Surface of Hepatitis C Virus-related Hepatocellular Carcinoma Cells can be a Target for Molecular Targeting Therapy. *PLoS ONE* 2015 Apr 13;10(4):e0124197.

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14. Chao-Kuen Lai, Vikas Saxena, Chung-Hsin Tseng, King-Song Jeng, Michinori Kohara, and Michael M. C. Lai. Nonstructural Protein 5A Is Incorporated into Hepatitis C Virus Low-Density Particle through Interaction with Core Protein and Microtubules during Intracellular Transport. *PLoS One*. 2014; 9(6): e99022. doi: 10.1371/journal.pone.0099022

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17. Tsunamasa Watanabe, Hiroto Hatakeyama, Chiho Matsuda-Yasui, Yusuke Sato, Masayuki Sudoh, Asako Takagi, Yuichi Hirata, Takahiro Ohtsuki, Masaaki Arai, Kazuaki Inoue, Hideyoshi Harashima and Michinori Kohara. *In vivo* therapeutic potential of Dicer-hunting siRNAs targeting infectious hepatitis C virus. *Scientific Reports* 2014 Apr 23;4:4750. doi: 10.1038/srep04750.
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