

Curriculum Vitae

Prof. Dr. Takeshi Nakano

Takeshi NAKANO is Specially Appointed Professor at the Graduate School of Engineering, Osaka University (Japan) since 2010. He received his Ph.D degree in Engineering from that same university.

Professional career:

- Hyogo prefectural Institute of Environmental Science (1974.04 - 2003.03)
- Hyogo prefectural Institute of Public Health & Environmental Sciences (2003.04 - 2009.03)
- Kobe University, Graduate School of Maritime Science, Guest Professor (2009.04 - present)
- Hyogo prefectural Institute of Environmental Sciences (2009.04 - present)
- National Institute for Environmental studies, Guest Researcher (2009.04 - present)
- Hyogo Environmental Advancement Association, Research Councilor (2010.04 - present)
- Osaka University, Graduate School of Engineering, Center for Advanced Science and Innovation, Research Professor (2010.07 - present)
- Center for Environmental Science in Saitama, Guest Researcher (2012.04 - present)

Research topics:

Environmental technology/ Environmental materials, Environmental chemistry, Risk sciences of radiation/ Chemicals, Environmental impact assessment/ Environmental policy, Environmental dynamic analysis.

Prof. Nakano's greatest expertise lies in the field of PCB's, PFC's, BFR's and dioxins.

Academic Society Memberships:

- Japan Society for Environmental Chemistry
- Japan Society on Water Environment
- The Mass Spectrometry Society of Japan
- American Chemical Society

He wrote numerous academic papers and collaborated in the publishing of several books.

Most recent papers:

1. Y. Okada, A. Nakagoshi, M. Tsurukawa, C. Matsumura, J. Eiho, T. Nakano; Environmental risk assessment and concentration trend of atmospheric volatile organic compounds in Hyogo Prefecture, Japan. *Environ. Sci. Pollut. Res. Int.* 19(1) (2012) 201-213
2. X. Zhang, M. Tsurukawa, T. Nakano, Y.D. Lei, F. Wania; Sampling medium side resistance to uptake of semivolatile organic compounds in passive air samplers. *Environ. Sci. Technol.* 45 (2011) 10509
3. T. Sakiyama, R. Weber, P. Behnisch, T. Nakano; Preliminary Assessment of Dioxin-Like Compounds in/from Chlorpyrifos - A Potential Precursor of the Pyridine Analogue of 2,3,7,8-TCDD. *Organohalogen Compounds. 31st International Symposium on Halogenated Environmental Organic Pollutants and POPs, Dioxin 2011, Brussels, Belgium.* (<http://download.ebooks6.com/download.php?id=40481>)
4. K. Yamazaki, M. Suzuki, T. Itoh, K. Yamamoto, M. Kanemitsu, C. Matsumura, T. Nakano, T. Sakaki, Y. Fukami, H. Imaishi, H. Inui; Structural basis of species differences between human and experimental animal CYP1A1s in metabolism of 3,3',4,4',5-pentachlorobiphenyl. *J. Biochem.* 149 (2011) 487-494
5. M. toda, C. Matsumura, M. Tsurukawa, T. Okuno, T. Nakano, Y. Inoue, T. Mori; Absolute configuration of atropisomeric polychlorinated biphenyl 183 enantiomerically enriched in human samples. *J. Phys. Chem. A.* 116 (2012) 9340-9346

6. M. Suzuki, C. Matsumura, T. Nakano, H. Imaishi; Investigation of environmental contamination of mono-isopropylnaphthalene, di-isopropylnaphthalene and tri-isopropylnaphthalene in Hyogo in Japan. *Environ. Sci. Pollut. Res. Int.* 19 (2012) 3959-3968
7. T. Hirai, Y. Fujimine, S. Watanabe, T. Nakano; Distribution of polybrominated diphenyl ethers in Japanese autopsy tissue and body fluid samples. *Environ. Sci. Pollut. Res. Int.* 19 (2012) 3538-3546

Books:

1. Larry G. Hansen and Larry W. Robertson (Eds.) *PCBs Human and Environmental Disposition and Toxicology* (Renowned scientists including Paul S. Cooke, Takeshi Nakano, Tomas Trnovec, Deborah C. Rice, Linda S. Birnbaum, and Charles S.) (2008) University of Illinois Press;

(ISBN 978-0-252-03254-7)

2. *Rare Metal Handbook "jointly worked"*, Takeshi Nakano, Yuzo Moriguchi, MaruzenPublishing,

ISBN, 978-4-621-08276-8, 2011.01