

□ Randeep RAKWAL, PhD



➤ Academic Career

- BSc in Botany (Hons.) of Delhi University in 1989
- MSc in Ag. Plant Pathology of G.B. Pant Univ. Agric. & Tech., in 1992
- PhD in Biochem. and Biotech. of Tokyo Univ. Agric. & Tech., in 1997
- Post-doctoral fellow of NIAS, AIST (Environ. Stress Biol.) in 1998 – 2004
- Researcher of AIST (Mental Stress, Brain Science Research) in 2004 – 2010
- Lecturer of Showa University School of Medicine in 2010 – 2011
- Professor of University of Tsukuba (GGEC program, Vice Chair; Life & Environmental Sciences, Organization for Educational Initiatives, HQ) in 2011 – 2015
- Visiting Professor of Showa University School of Medicine in 2013 –
- Visiting Lecturer of the Hoshi University School of Pharmacy in 2015 –
- Professor, Faculty of Health and Sport Sciences, University of Tsukuba from 2015

➤ Research Theme

A multi/trans-disciplinary researcher and educator, covering environmental stress biology of PLANTS (ozone, low-level gamma radiation in Fukushima, etc.) to ANIMAL models of mental stress/depression, neurological disorders and disease, emergency medicine, aromatherapy, natural products/supplements, DOHaD (epigenomics) project, BRAIN and HUMAN HEALTH (body & mind) by high-throughput OMICS technologies, and Sports Science.

- Interests are in and developing courses for Graduate General Education, especially for Communications Skills Training and Research Management Skills, Yoga and Health and Natural Products, Internship & Research Projects Coordination, and Scientific Writing-Critical Thinking, and **India-Japan Sports Cooperation Projects**.
- Student Mentoring, and Research Collaboration and Cooperation in India, Nepal, Japan, Korea, Thailand, Luxembourg, Italy, Spain, Australia and USA.
- Organization, Research program management, Coordination and Networking, and Journal Development.