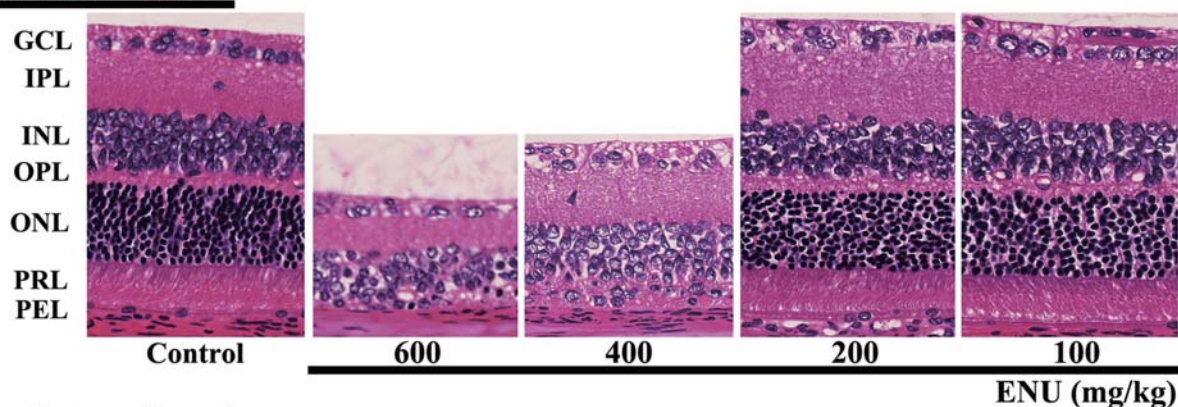




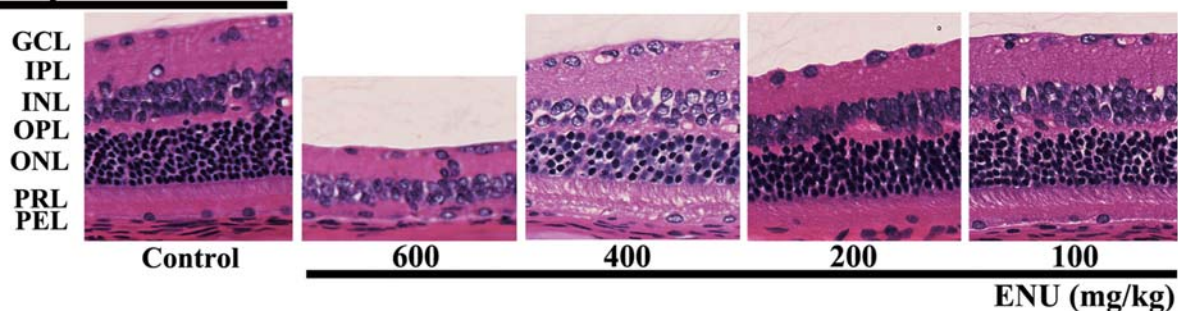
Journal of **TOXICOLOGIC PATHOLOGY**

<http://www.japantopath.org/en/publication/jtp/>

Central retina



Peripheral retina



Vol. 25 No. 1
Spring 2012

Published by

The Japanese Society of Toxicologic Pathology

The Journal of Toxicologic Pathology has been selected for coverage in Thomson Reuters products and services. Beginning with volume 21, number 1, year 2008, the journal is indexed and abstracted in:

- ◆ Science Citation Index Expanded (also known as SciSearch®)
- ◆ Journal Citation Reports/Science Edition
- ◆ Biological Abstracts
- ◆ BIOSIS Previews

<i>Editor-in-Chief</i>	Dai Nakae, Tokyo
<i>Editor Emeritus</i>	Eisei Ishikawa (1988–1997)
<i>Former Editors-in-Chief</i>	Kunio Doi (1998–2003) Kunitoshi Mitsumori (2003–2007)

Editorial Board (Editors), Editors in Foreign Countries Underlined

<u>Wijit Banlunara, Bangkok</u>	<u>Robert R. Maronpot, North Carolina</u>	Mariko Shiota, Kanagawa
Satoshi Furukawa, Saitama	Hirofumi Nagai, Kanagawa	Masami Suzuki, Shizuoka
<u>Paul-Georg Germann, Barsbütel</u>	Kumiko Ogawa, Tokyo	<u>James Swenberg, North Carolina</u>
Shim-mo Hayashi, Osaka	Yuji Oishi, Osaka	Kazutoshi Tamura, Shizuoka
Satoru Hosokawa, Ibaraki	<u>Yoshimasa Okazaki, Itingen</u>	<u>Leander Tryphonas, Ontario</u>
Katsumi Imaida, Kagawa	Kiyokazu Ozaki, Osaka	Tetsuya Tsukamoto, Aichi
Keisuke Izumi, Tokushima	<u>Jae-Hak Park, Seoul</u>	Masahiro Tsutsumi, Nara
<u>Hijiri Iwata, Itingen</u>	<u>Jin Ren, Shanghai</u>	<u>Klaus Weber, Itingen</u>
<u>Takahito Kambara, Pennsylvania</u>	Hiroshi Satoh, Tokyo	<u>Jihong Yang, Yunnan</u>
<u>Jong-Koo Kang, Cheongju</u>	<u>John Curtis Seely, North Carolina</u>	Midori Yoshida, Tokyo
Osamu Katsuda, Nara	Makoto Shibutani, Tokyo	Naomi Yoshimi, Okinawa
<u>Wolfgang Kaufmann, Ludwigshafen</u>	Kazumoto Shibuya, Tokyo	Katsuhiko Yoshizawa, Osaka

Description

The *Journal of Toxicologic Pathology* is an official periodical journal of the Japanese Society of Toxicologic Pathology. The journal accepts original papers, short communications, case reports and review articles. One volume published each year is composed of four numbers. Members of the Society are entitled to receive all publications in exchange for his or her membership fee. All articles published in the *Journal of Toxicologic Pathology* represent the opinion(s) of the author(s) and should not be construed to reflect the opinion of the Society.

The *Journal of Toxicologic Pathology* has been selected for coverage in Thomson Reuters products and services. Beginning with volume 21, number 1, year 2008, the journal is indexed and abstracted in:

- ◆ Science Citation Index Expanded (also known as SciSearch®)
- ◆ Journal Citation Reports/Science Edition
- ◆ Biological Abstracts
- ◆ BIOSIS Previews

Mailing address: Dai Nakae, M.D., Ph.D., Editor-in-Chief

Editorial Office, *Journal of Toxicologic Pathology*, c/o Publication Center, IPEC, Inc., 1-24-12 Sugamo, Toshima, Tokyo 170-0002, Japan

Journal of Toxicologic Pathology homepage: <http://www.japantoxpath.org/en/publication/jtp/>

Free access to full papers of

Vols.1(1988)–10(1997): http://www.journalarchive.jst.go.jp/english/jnltop_en.php?cdjournal=tox1988

Vol. 11 (1998) or later: <http://www.jstage.jst.go.jp/browse/tox/-char/en>

Notice for photocopying

If you wish to photocopy any work of this publication, you have to get permission from the following organization to which licensing of copyright clearance is delegated by the copyright owner.

<All users except those in USA> Japan Academic Association for Copyright Clearance, Inc. (JAACC)
6-41 Akasaka 9-chome, Minato-ku, Tokyo 107-0052, Japan
Phone 81-3-3475-5618 FAX 81-3-3475-5619 E-mail: info@jaacc.jp

<Users in USA> Copyright Clearance Center, Inc., 222 Rosewood Drive, Danvers, MA 01923, USA
Phone 1-978-750-8400 FAX 1-978-646-8600

Online ISSN 1881-915X

Cover: Retinal change in adult rats 7 days after ENU. The outer nuclear layer and photoreceptor layer degenerated and/or disappeared in both the peripheral and central retina of rats who received ≥ 400 mg/kg ENU. No change was seen in the retinas of rats treated with 200 or 100 mg/kg ENU. GCL, ganglion cell layer; IPL, inner plexiform layer; INL, inner nuclear layer; OPL, outer plexiform layer; ONL, outer nuclear layer; PRL, photoreceptor layer; and PEL, pigment epithelial layer. (See Yoshizawa K, *et al.* p.27–35)