

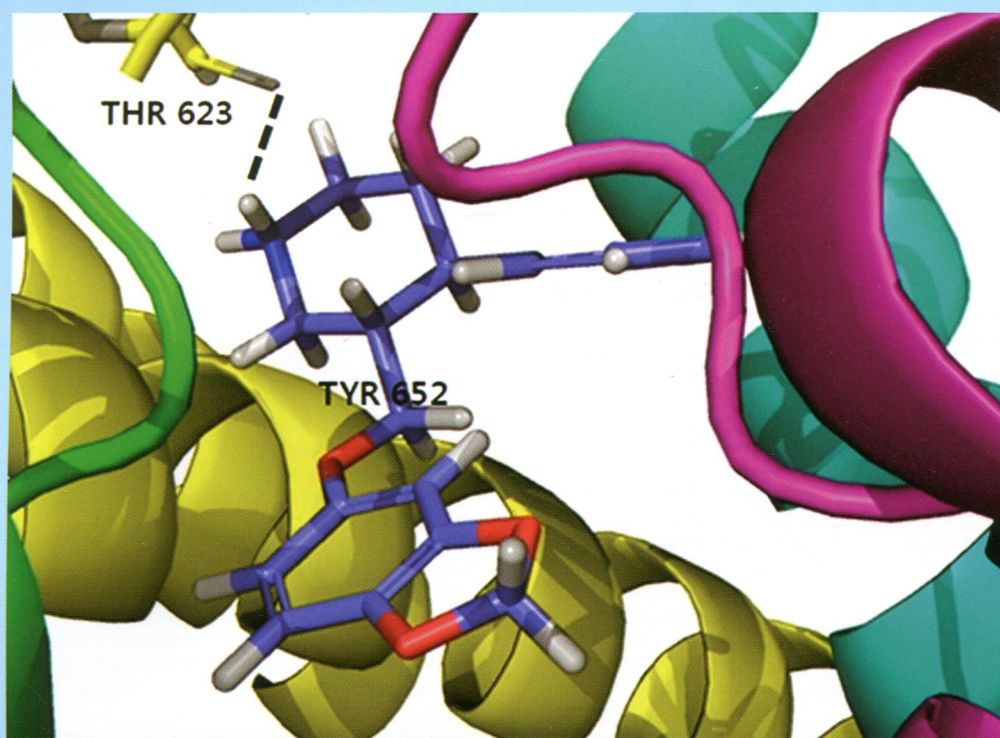
Biological and Pharmaceutical Bulletin

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Cover Figure A Paroxetine Blocks HERG Human K⁺ Channels

pp. 1495–1504

- Highlighted Paper**
- A Paroxetine Blocks HERG Human K⁺ Channels
(Seung Ho Lee *et al.*) *pp. 1495–1504*
 - Recombinant Dimeric IgA Neutralizes Shiga Toxin
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Current Topics Recent Advances in the Mechanistic Understanding of Endocrine Disruption by Environmental Chemicals



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About the cover: Paroxetine has become an attractive drug for the effective treatment of depressive patients with cardiovascular problems, because there are fewer side effects and the lower toxicity with paroxetine. However, accumulating evidence indicates that paroxetine has various additional effects, especially on several ion channels including Na⁺ channels and the G protein-activated inwardly rectifying or background K⁺ channels. In this study, we investigated the effects of paroxetine on the HERG human K⁺ channels and shows that paroxetine blocks the HERG channels dependently on channel states. Therefore, when using paroxetine in the treatment of depressed patients who have cardiovascular disease, much caution is required. See the article by Lee *et al.* on page 1495 of this issue.