A Journal of The American Physiological Society

American Journal of Physiology-Renal Physiology

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- thought-provoking investigations involving human and animal models, individual cell types, and isolated membrane systems
- cross-disciplinary papers on the pathophysiological basis of disease processes in the kidney, the urinary tract, and in the regulation of body fluids
- timely editorial reviews

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A Few HOT Articles
Vitamin D
Adriana S. Dusso, Alex J. Brown, Eduardo Slatopolsky

Advanced glycation end products and the kidney
Jürgen M. Bohlender, Sybille Franke, Günter Stein, Gunter Wolf

Structure and function of aquaporin water channels
A. S. Verkman, Alok K. Mitra

Tight junction biology and kidney dysfunction
David B. N. Lee, Edmund Huang, Harry J. Ward
Am. J. Physiol. Renal Physiol. Jan 01, 2006; 290: 20-34

New insights into the regulation of V-ATPase-dependent proton secretion
Sylvie Breton, Dennis Brown

Hypoxia-inducible factors in the kidney
Volker H. Haase

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**APS Guide to Wine Appreciation**

...or how to convince your friends that you know more about wine than you really do.

by Peter D. Wagner, MD, University of California-San Diego, La Jolla, California

(Paperback 52 pages, October 2007—Excerpts from the book are below)

**Excerpts From The Book**

**CHAPTER 1: Preamble—general considerations**

What’s a preamble? A bit like priming the pump, a pre-systolic accentuation in mitral stenosis perhaps. Fat Albert’s rocket-assisted takeoff (footnote: Fat Albert is the C-130 transport that supports the Blue Angels, and if you don’t know what a C-130 is or who the Blue Angels are, may your Dean have pity on your soul).

**Point 1:** Wine appreciation should be done in parallel, not in series.

**Point 2:** No matter what type of wine, no matter how good or bad it actually is, no matter how experienced a taster you may be (or think you may be), you must remember this (not the song): There are TWO parts to the appreciation of wines.

**Point 3:** Don’t be seduced by the label, or the price or (especially) the reputation of a particular wine.

**Point 4:** A closely parallel warning: Don’t be influenced by your fellow tasters, not even by me.

**CHAPTER 2: The Process of Evaluation of a Wine—step by step**

**PART 1:** Do you like the damn stuff or not?

**PART 2:** Why you like or hate the damn stuff. Science rules, sort of.

**CHAPTER 3: The Most Common Grape and Wine Varieties—their features as wines**

There are many styles of grapegrowing and winemaking that provide a wide array of attributes in the finished wine, even wines from the same grapes in adjacent regions. What follows describes the classical, expected, stereotypical features of each, especially as they apply to U.S. wines.

**CHAPTER 4: The Conduct of a Wine-Tasting Session—how to run it**

Remember, you do not need to know anything at all about wine or tasting to succeed here. All you need is courage, bravado, and a proficiency in public speaking (which you have all gotten anyway from years of teaching graduate and medical students).

Remember—the more forcefully you speak, the more enobabble you use, the more your reputation grows even if you are flat out wrong in everything you say. It’s not what you say, it’s how you say it.
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Chair: Gregory Adams

Muscle as an Endocrine Organ: Intertissue Influences
Chair: Bente K. Pedersen

Stem Cells and Nuclear Domains in Skeletal and Cardiac Muscle
Chair: Brenda Russell

Somatic and Sympathetic Neural Control During Exercise
Chair: Gail D. Thomas

Comparative Exercise Physiology: Linking Animal Locomotion To Human Performance
Chair: Peter J. Reiser

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