

## Announcement

### *The Society for Industrial Microbiology*

announces the

## Comprehensive Conference on Enzyme Variants

17-20 February 1991  
Rohnert Park, CA, U.S.A.

*The meeting will focus on two enzyme subsets: Isoenzymes present in a single species and closely related enzymes, from an activity viewpoint, in diverse species throughout nature. Many questions will be considered, including the following: Why are there isoenzymes? What is their biological significance? What effects do environmental stresses have on isoenzyme distribution? What variations occur in isoenzyme distribution as related to the developmental stage of the species? What roles do isoenzymes play in medical, agricultural and industrial problems and applications? What genetic pressures can influence isoenzyme distribution in a given species? What contribution has site-specific mutation made to understanding and modifying enzymes, creating semi-synthetic isoenzymes? What methods are available for isoenzyme separation, isolation and purification? For a given enzyme activity, how broad is the biological distribution and what structural and property variation exist?*

#### Program:

- Analytical procedures for isoenzyme detection and structure determination.
- Isoenzyme structure-activity relationships.
- Effects of environmental stress, developmental stage and genetics on isoenzyme distribution
- Structure-activity relationship in closely related enzyme in diverse species.
- Biological significance of enzyme variants, including evolutionary aspects.

**Program** S. NEIDLEMAN (Biosource Genetics Corporation)

**Co-Chairs:** J.C. HUNTER-CEVERA (Biotic Network, U.S.A.)

**Meeting Site:** Red Lion Inn (Conference Room Rate = \$65.00/night flat rate).  
One Red Lion Drive  
Rohnert Park, CA 94928, U.S.A.  
707/584-5466

**Registration Fees:** (Includes opening night social, banquet, coffee breaks, poster session mixer, breakfast and lunch plus copy of program and abstracts)

|                                        |                                      |          |
|----------------------------------------|--------------------------------------|----------|
| SIM Member                             | Advance Registration Fee             | \$375.00 |
|                                        | Late Fee (After 14 January)          | \$425.00 |
| Non-Member                             | Advance Registration Fee             | \$425.00 |
|                                        | Late Fee (After 14 January)          | \$475.00 |
| Spouse Fee                             | No attendance at scientific sessions | \$175.00 |
| Graduate Students/Postdoctoral Fellows |                                      | \$175.00 |

For more information  
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