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The Rolex Awards for Enterprise were established in 1976 to underwrite the projects of enterprising individuals who are committed to advancing the common good. Grants have been awarded in the fields of Applied Science and Invention; Exploration and Discovery; and the Environment. By helping to translate goodwill into action, The Awards not only serve mankind and nature as a whole, they also foster awareness of the moral as well as the intellectual dimensions of the spirit of enterprise. These are the 1987 laureates.

Expanding the frontiers of modern healthcare.
Jacques Luc Autran, founder of Seamen Without Frontiers, a philanthropic association, turned a fishing vessel into a floating hospital to bring healthcare and education to isolated societies, such as the islanders of the Maldives.

Preserving endangered species.
Stephen Kress’s innovative techniques successfully repopulated near-extinct colonies of birds on Maine islands and will soon be employed in attempted recolonizations in the south of Japan.

New insights into evolution.
Entomologist Pierre Morvan will organize an expedition to Nepal to study the effects of extreme geographic isolation on the formation of particular species, and will complete a book on the subject.

Religious teaching and environmental education.
Nancy Lee Nash will glean teachings about nature from Buddhist writings and incorporate them into an educational syllabus to be used in Thailand colleges.

Demystifying an ancient culture.
Johan Gjefsen Reinhard will explore the peaks and lakes of the Peruvian Andes to determine the role of those ancient religious sites in the formation of pre-Colombian society.

The Spirit of Enterprise, The 1987 Rolex Awards, a book about the five laureates’ projects, as well as 238 other outstanding proposals, is available in bookstores and from the publisher, Van Nostrand Reinhold.

Additional information about the awards is available from The Secretariat, The Rolex Awards for Enterprise, P.O. Box 178, 1211 Geneva 26, Switzerland.
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Applications Data Available
Data, from applications including RFLP's and screening of transgenic mice, are available by contacting one of the offices listed below, or by indicating reader service number 405.

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Partial pedigree of a three-generation family.

Ib: Grandmother identified as DMD carrier by pedigree and elevated creatine kinase level.

Iib: Mother with normal creatine kinase level; 25% carrier risk.

Iic: Male sibling, DMD (deceased).

IIa: Unaffected male.

IIb: Fetus (cultured amniocyte DNA purification performed on a Model 340A)

Autoradiogram shows mother (Iib) is heterozygous at Bgl II polymorphism. Both the fetus (IIb) and the unaffected male (IIa, not shown) have the same haplotype as shown by the 8 kb band. Fetus is at low risk for DMD.

*Source: Dr. Tom Caskey, Houston, Texas
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The first biennial symposium of the Protein Society.

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The symposium program is made up of plenary sessions focusing on major impact topics of general interest.

Dr. Eisenberg of UCLA and Dr. Huber of the Max Planck Institute will open the meeting. The meeting will close with plenary lectures from Dr. Wütrich of ETH, Zurich and Dr. Hood of CalTech.

To facilitate interaction among protein chemists from all aspects of the science, the remainder of the program is given over to minisymposia and poster presentations on the following topics:

Session Topics and Invited Speakers for San Diego '87
1. 3D Structure: Theory Folding and Dynamics.
   (Baldwin, Goodard, Rose)
   (Simpson, Kent, Beiman)
3. Protein Kinases: Biological Control of Protein Function.
   (Walsh, Ulrich)
4. Protein/Nucleic Acid Interactions.
   (Altman, McPherson)
5. Studies with Synthetic Peptides and Proteins.
   (Kaiser, Degrado, Lerner, Richards)
6. Photoreceptors as Signal Transducers.
   (Khorana, Zucker)
7. Expression, Processing and Secretion.
   (Varshavsky, Beckwith, Wickner)
   (Schimmel, Shortle, Winds)
9. New Developments in Instrumentation, Chemicals and Accessories for the Protein Chemistry Lab.

Steen and Moore Award and Symposium
Part of the program will be used to honor the recipient of the first Stein and Moore award in the form of a half day symposium. The subject and the speakers taking part will be selected by the recipient of the award. Announcement of the awardee and the subject to be presented will be made in the spring of 1987. The award, to be presented annually by the Protein Society will recognize significant achievement in protein research. In addition to its symposium, the awardee will receive $500 and a commemorative plaque presented at a banquet which will feature Dan Koshland as an after dinner speaker.

Sample Workshop
All registrants will be invited to participate in a workshop designed to demonstrate the variety of modern techniques available for the study of protein structure and function.

Scientific Exhibition
Leading manufacturers of scientific instrumentation and techniques relevant to protein research will be represented.

Symposium Registration
$275—Full Members
$150—Associate Members
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$180—Students

Symposium Announcement and Call for Papers went out January '87
If you are interested in becoming a member of the Protein Society or attending the San Diego Symposium of the Protein Society, please circle the appropriate number on the reader information card, or contact the Protein Society directly:

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Separation of lambda fragments by RFE on the SE 250. The 1.5 mm thick, 1% agarose gel was run at 250V for 45 minutes in 0.5X TBE. Forward pulse time was ramped from 66 to 215 msec; reverse pulse from 22 to 72 msec.

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Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
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<tbody>
<tr>
<td>Maximum speed</td>
<td>14,000 rpm</td>
</tr>
<tr>
<td>Maximum RCF</td>
<td>16,000 × g</td>
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<tr>
<td>Test-tube capacity</td>
<td>18</td>
</tr>
<tr>
<td>Time required for max</td>
<td>10 sec</td>
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<tr>
<td>Time required to stop</td>
<td>12 sec</td>
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<tr>
<td>Dimensions</td>
<td>28 x 21 x 28.5 cm</td>
</tr>
</tbody>
</table>

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