The 1st Asia-ARVO meeting is organised by Singapore Eye Research Institute. It is a biennial meeting held in locations throughout Asia to highlight the important clinical and translational aspects of vision and ophthalmic research. Previously known as SERI-ARVO for meetings held in 2003 and 2005, the name was changed in 2005 to reflect ARVO’s commitment to partnering with the many countries in Asia that have expanding eye research programs.

On behalf of Menicon Co., Ltd., thank you for joining us at the symposium

Dr Hidenari Tanaka
President, Menicon

Registration is FREE. Sign up now at:
http://defensins.bii.a-sta.edu.sg/conference/registration.php
### Speakers

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<tr>
<th>Name</th>
<th>Affiliation</th>
<th>Title</th>
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<tr>
<td><strong>Professor Dwight Cavanagh</strong></td>
<td>Department of Ophthalmology&lt;br&gt;The University of Texas Southwestern Medical Centre at Dallas</td>
<td>In search of the perfect contact lens: a 40 year journey</td>
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<tr>
<td>Dr. Masaki Imayasu</td>
<td>Central Research Laboratories&lt;br&gt;Menicon Co., Ltd</td>
<td>Effects of multi-purpose solutions on corneal epithelial tight junctions</td>
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<td><strong>Professor Teruo Nishida</strong></td>
<td>Professor and Chairman&lt;br&gt;Department of Biomolecular Recognition and Ophthalmology&lt;br&gt;Yamaguchi University School of Medicine, Japan</td>
<td>Toward the ideal contact lens care solution</td>
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<tr>
<td><strong>Professor Donald Tan</strong></td>
<td>Director, Singapore Eye Research Institute&lt;br&gt;Deputy Director, Singapore National Eye Center&lt;br&gt;Chairman, Dept of Ophthalmology, Yong Loo Lin School of Medicine, NUS</td>
<td>Unusual emerging infections affecting contact lenses</td>
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<tr>
<td><strong>Professor Roger W. Beuerman</strong></td>
<td>Deputy/Scientific Director Singapore Eye Research Institute&lt;br&gt;Adjunct Prof., Dept of Ophthalmology, Yong Loo Lin School of Medicine, NUS</td>
<td>Relative &quot;killing efficacy&quot; of contact lens solutions on F. solani isolates causing infections of differing severity</td>
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<tr>
<td>Dr. Chandra Verma</td>
<td>Group Leader, Bioinformatics Institute of Singapore</td>
<td>Designing anti-microbial molecules</td>
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<tr>
<td><strong>Professor Karin D. Caldwell</strong></td>
<td>Center for Surface Biotechnology&lt;br&gt;Uppsala University, Sweden</td>
<td>Anti-microbial surface modification of contact lens materials</td>
</tr>
<tr>
<td><strong>Professor Paul Savage</strong></td>
<td>Department of Chemistry&lt;br&gt;Brigham Young University, USA</td>
<td>Designing cationic steroid based anti-microbial molecules</td>
</tr>
<tr>
<td><strong>Professor Carleton Gajdusek</strong></td>
<td>Nobel Prize recipient 1976 in Medicine Area of infectious diseases&lt;br&gt;C.N.R.S. Institute Alfred Fessard, Gif-sur-Yvette, France&lt;br&gt;Institute of Medical Biology, University of Tromso, Norway</td>
<td>From Kuru to nucleation of aggregation, polymerization and crystallization in Biology and Medicine</td>
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# Programme | 02 March 2007

<table>
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<tr>
<th>Time</th>
<th>Opening address:</th>
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</table>
| 1300 hrs | Prof. Roger W. Beuerman [Deputy Director, Singapore Eye Research Institute]  
Dr. Mouad Lamrani [Global Research and Development Manager, Menicon Co., Ltd] |

## Session I
Moderator: Professor Wallace Foulds [Senior Consultant, Singapore Eye Research Institute]

<table>
<thead>
<tr>
<th>Time</th>
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</table>
| 1310 hrs | Professor Dwight Cavanagh  
The University of Texas Southwestern Medical Centre at Dallas  
**Title: In search of the perfect contact lens: a 40 year journey** |
| 1340 hrs | Dr. Masaki Imayasu  
Menicon Co. Ltd.  
**Title: Effects of multi-purpose solutions on corneal epithelial tight junctions** |
| 1355 hrs | Professor Teruo Nishida  
Yamaguchi University School of Medicine, Japan  
**Title: Toward the ideal contact lens care solution** |
| 1415 hrs | Professor Donald Tan  
Singapore Eye Research Institute  
**Title: Unusual emerging infections affecting contact lenses** |

## Session II
Moderator: Professor Chan Bee Eng Mary [Vice-Dean Research and Post Graduate Studies – Chemical and Biomedical Engineering, Nanyang Technological University]

<table>
<thead>
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<th>Time</th>
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| 1435 hrs | Dr. Chandra Verma  
Bioinformatics Institute of Singapore  
**Title: Designing anti-microbial molecules** |
| 1455 hrs | Professor Roger W. Beuerman  
Singapore Eye Research Institute  
**Title: Relative "killing efficacy" of contact lens solutions on F. solani isolates causing infections of differing severity** |
| 1515 hrs | Professor Karin D. Caldwell  
Uppsala University, Sweden  
**Title: Anti-microbial surface modification of contact lens materials** |
| 1535 hrs | Professor Paul Savage  
Department of Chemistry, Brigham Young University, USA  
**Title: Designing cationic steroid based anti-microbial molecules** |

**Tea Break**

## Session III
Moderator: Professor Roger W. Beuerman

Welcome by Dr. H. Tanaka [President of Menicon Co., Ltd]

<table>
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| 1615 hrs | Professor Carleton Gajdusek  
Nobel Prize recipient 1976 in Medicine area of infectious disease  
**Title: From Kuru to nucleation of aggregation, polymerization and crystallization in Biology and Medicine** |
| 1700 hrs | Concluding remarks:  
Prof. Roger W. Beuerman and Dr. Mouad Lamrani |

End of Symposium
Host Institution: Singapore Eye Research Institute

Singapore Eye Research Institute (SERI) is the national research institute of ophthalmology funded by the National Medical Research Council. SERI is dedicated to performing vision research with local institutions as well as major eye centers and research institutes throughout the world. Since its inception in 1997, SERI has established itself as a leading centre in South Asia for eye and visual science research and educational programming. In 2003, SERI was appointed as a National University of Singapore-affiliated institute. With its close integrations of clinical, basic science and epidemiological research, SERI is a premier eye research center in Southeast Asia.

“The mission of SERI is to advance knowledge in the fields of ophthalmology and the visual sciences with the aim of reducing the scourge of blindness and poor sight.”

Menicon Co. Ltd

Menicon Co. Ltd. is Japan’s first and largest contact lens manufacturer founded by Mr Kyoichi Tanaka in 1951, and now is represented in over 30 countries. Menicon’s goal is to deliver safe contact lenses worldwide, placing the first priority on the eye health of our customers. Menicon is the only manufacturer in the world who is dedicated to all areas of contact lens related business including material development, lens designing and manufacturing of contact lenses and care solutions.

Bioinformatics Institute, A*STAR Singapore

The Bioinformatics Institute is an A-STAR institute engaging in leading-edge informatics and modelling research, development and training. The institute focuses on bioinformatics solutions to research and collation of information relevant to stem cells, cancer, inflammation and biomarkers. Since its birth in 2001, the institute has been involved in developing knowledge bases, imaging software and molecular design strategies for therapeutic interventions. The institute is integrated into a multidisciplinary network of experimental and clinical laboratories in Singapore and the rest of the world.

Its mission is to:
• To foster high quality, innovative, and multi-disciplinary research and post-graduate training in Bioinformatics and design
• To generate Intellectual Property by creating knowledge base, tools and methods to manage and understand large, diverse biological, chemistry and medical datasets
• To actively engage in Knowledge and Technology transfer

Association for Research in Vision and Ophthalmology (ARVO)

ARVO is the world’s largest organization of vision and ophthalmology researchers with more than 11,500 eye and vision researchers and clinicians from more than 70 countries.

“The mission of the Association for Research in Vision and Ophthalmology is to serve as a global forum for dissemination and exchange of information about vision research, to meet the needs of vision scientists, and to be an advocate for vision science in order to facilitate the advancement of vision research and the prevention and cure of disorders of the visual system worldwide.”

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