13th Meeting of European Neuro-Ophthalmological Society (EUNOS)

10-13 September, 2017
Budapest, Hungary

PRELIMINARY PROGRAM
Welcome message

Dear fellow neuro-ophthalmologists,

Two years after a very successful 12th EUNOS meeting in 2015 in Ljubljana, the capital city of Slovenia, we are again heading to a beautiful capital of another former eastern European country to present and discuss new developments in the field of Neuro-Ophthalmology. Budapest in 2017 promises to fulfil your expectations and provide a high-level scientific meeting in an exciting and welcoming venue. We hope to attract numerous participants from all over the world to join us in Budapest and to welcome new colleagues to our community by becoming EUNOS members. The organization of the meeting is a joint venture of the Local Organizing Committee headed by Dr. Gabriel la Szatmary, the Scientific Program Committee and the Education Committee of EUNOS. We are all looking forward to yet another stimulating meeting that will promote our knowledge in Neuro-Ophthalmology and thus improve the care of patients with neuro-ophthalmic disorders.

See you all in Budapest!

Prof. Klara Landau
President of EUNOS

Welcome message

Dear Colleague,

It is my great pleasure to invite you to participate in the 13th European Neuro-Ophthalmological Society conference. The members of the organizing committee are very proud to be hosting the conference in Budapest, the capital city of Hungary.

Undoubtedly, Budapest is one of the most beautiful cities in the world, and is well known for its stunning views from the banks of the river Danube and its famous Széchenyi Chain Bridge.

The conference will be held at the Danubius Health Spa Resort Hélia, which is located on the East bank of the Danube River, and within short distances are famous attractions, such as the Hungarian Parliament and the Heroes Square.

Our aim is to provide you with the latest information in the field of brain and vision science, with a focus on the application of latest eye and brain imaging tools, in order to address underlying pathophysiology in a wide range of neuro-ophthalmic disorders and their mimics.

The first day of the meeting will be dedicated to Emergency Neuro-Ophthalmology and Practical Tools and Tricks to enhance the differential diagnostic and clinical skills of physicians encountering a neuro-ophthalmic problem. In addition, for the first time in the history of EUNOS, we will have a half-day Research Symposium dedicated to optic nerve disorders.

A wide range of topics will be presented during the meeting, such as neurodegenerative disorders during The Eye and The Brain Symposium, Beyond IIH: High and low CSF pressure syndromes, Vascular Diseases of the Brain and Eye, Neuro-ophthalmic Complications of Neoplastic Diseases, and Unexplained Visual Loss as introduced by interesting case presentations. The last day of the meeting will include a lecture by Prof. Neil Miller on Controversies in Neuro-Ophthalmology. For full list of presenters, please see list of lecturers under "About EUNOS 2017" tab on Home page of congress.

Beside the scientific program and exhibition, there will be a number of exciting social activities to make your stay in Budapest pleasurable and memorable.

We look forward to hosting you in Budapest on September 10, 2017.

Conference Chair,
Gabriella Szatmáry, MD, PhD
SCIENTIFIC PROGRAM COMMITTEE

Fion BREMNER, United Kingdom
Dániel BERECZKI, Hungary
László CSIBA, Hungary
Kathleen DIGRE, USA
Andrea FACSKÓ, Hungary
Marko HAWLINA, Slovenia
Ruth HUNA BARON, Israel
Márta JANÁKY, Hungary
Tulay KANSU, Turkey
Anat KESLER, Israel

Klara LANDAU, Switzerland
Zoltán Zsolt NAGY, Hungary
János NÉMETH, Hungary
Gábor SOMFAI, Hungary
Judit SOMLAI, Hungary
Gabriella SZATMÁRY, USA
Caroline TILIKETE, France
Balázs VARSÁNYI, Hungary
Konrad WEBER, Switzerland
Patrick YU WAI MAN, United Kingdom

LOCAL ORGANIZING COMMITTEE

Gabriella SZATMARY, Hattiesburg, MS, USA
Andrea FACSKÓ, Szeged, Hungary
Márta JANÁKY, Szeged, Hungary

Gábor SOMFAI, Olten, Switzerland / Budapest, Hungary
Judit SOMLAI, Budapest, Hungary
Balázs VARSÁNYI, Pécs, Hungary

GENERAL INFORMATION

WEBSITES FOR FURTHER INFORMATION
www.eunos2017.org

Opening hours of the registration
9 September, Saturday 15:00 - 19:00
10 September, Sunday 06:30 - 18:00
11 September, Monday 07:00 - 18:00
12 September, Tuesday 07:00 - 18:00
13 September, Wednesday 07:00 - 13:30

Opening hours of the exhibition
10 September, Sunday 08:00 - 18:00
11 September, Monday 08:00 - 18:00
12 September, Tuesday 08:00 - 18:00
13 September, Wednesday 08:00 - 13:00

CONTACT
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www.eunos2017.org

VENUE
Danubius Health Spa Resort
HELIA CONFERENCE HOTEL
Kárpát str. 62-64
H-1133 Budapest
Hungary
13th MEETING OF EUROPEAN NEURO-OPHTHALMOLOGICAL SOCIETY

Sunday, September 10, 2017

8:00-10:00 TEACHING COURSE 1.
EMERGENCY NEURO-OPHTHALMOLOGY
Moderators: Timothy D. Matthews and Susan Mollan, United Kingdom

8:00-8:20 Investigation and Management of Acute Sinus and Sellar Pathology Causing Optic Neuropathy
Anthony Arnold, USA

8:20-8:40 Current Role of Investigations in Giant Cell Arteritis
Susan Mollan, United Kingdom

8:40-9:00 Investigation and Management of Acute Optic Neuropathies
Timothy D. Matthews, United Kingdom

9:00-9:20 Presentation and Investigation of Third Nerve Palsies
Dániel Bereczki, Hungary

9:20-9:40 Recent Developments in Neurovascular Treatments: an Update for Neuro-Ophthalmologists
Swarup Chavda, United Kingdom

9:40-10:00 Discussion

10:00-10:30 Break

10:30-12:35 TEACHING COURSE 2.
INTERACTIVE WORKSHOP: PRACTICAL TOOLS & TRICKS
Moderators: Caroline Tilikete, France and Konrad Weber, Switzerland

10:30-10:50 Oscillopsia: Practical Tips to Examine Patients
Caroline Tilikete, France

10:50-10:55 Questions & Answers

10:55-11:15 Ocular Vestibular Evoked Myogenic Potential and Vestibular Testing
Konrad Weber, Switzerland

11:15-11:20 Questions & Answers

11:20-11:40 Update on Imaging in Neuro-Ophthalmology (or the OCT talk)
Anthony Arnold, USA

11:40-11:45 Questions & Answers

11:45-12:05 Visual Field: When and What Type?
Fion Bremner, United Kingdom

12:05-12:10 Questions & Answers

12:10-12:30 Electrophysiology: When and What?
Marta Janaky & Agnes Janosi, Hungary

12:30-12:35 Questions & Answers

12:35-14:00 Lunch & POSTER SESSION I.
14:00-18:00 RESEARCH SYMPOSIUMS

OPTIC NERVE SYMPOSIUM BY EUNOS RESEARCH COMMITTEE
Moderators: Jette Frederiksen, Denmark and Patrick Yu-Wai-Man, United Kingdom

14:00-16:00 RESEARCH SYMPOSIUM 1.
MAGNETIC RESONANCE IMAGING IN MULTIPLE SCLEROSIS (MAGNIMS) & OPHTHALMIC IMAGING

14:00-14:05 Opening remarks of Research Symposium
Susanne Trauzettel-Klosinski, Germany

14:05-14:30 MRI of the Brain: Update by MAGNIMS Research Network
Jette Frederiksen, Denmark

14:30-14:55 MRI in NMO: Update by MAGNIMS Research Network
Jaqueline Palace, United Kingdom

Maria Assunta Rocca, Italy

15:20-15:35 NMOSD: Pre-AQ4 Concept as Illustrated by Cases
Sámuel Komoly, Hungary

15:35-15.55 Advanced Structural and Functional Imaging in Multiple Sclerosis, Alzheimer’s Disease, and Other Neurodegenerative Diseases
Delia Cabrera DeBuc, USA

15:55-16:00 Discussion

16:00-16:30 Break

16:30-18:00 RESEARCH SYMPOSIUM 2.
EUROPEAN RESEARCH INITIATIVES - PRESENT AND FUTURE

16:30-16:50 European Grant Application Initiative
Axel Petzold, United Kingdom

16:50-17:15 New Visual Tests in Optic Neuritis
Gorm Pihl Jensen, Denmark

17:15-17:45 Research Initiatives for Inherited Optic Neuropathies
Patrick Yu-Wai-Man, United Kingdom and Patient Representatives

17:45-18:00 Discussion

18:30-21:30 WELCOME RECEPTION

Monday, September 11, 2017
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Topic</th>
<th>Presenter(s)</th>
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<tbody>
<tr>
<td>9:00-10:00</td>
<td>MINI SYMPOSIUM 1.</td>
<td>&quot;GENETICS AND GENE THERAPY IN NEURO-OPHTHALMOLOGY&quot;</td>
<td>Aki Kawasaki, Switzerland and Catherine Vignal Clermont, France</td>
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<td>9:00-9:20</td>
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<td>What's New in Gene Therapy in Humans</td>
<td>Bart Leroy, USA</td>
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<td>9:20-9:35</td>
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<td>Currently Ongoing Genetic Therapeutic Trial in Leber Hereditary Optic Neuropathy?</td>
<td>Catherine Vignal Clermont, France</td>
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<td>9:35-9:55</td>
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<td>Neuro-Ophthalmic Manifestations and Upcoming Gene Therapy for SCA</td>
<td>Jorge Kattah, USA</td>
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<td>9:55-10:00</td>
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<td>Discussion</td>
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<td>10:00-10:30</td>
<td>Break</td>
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<td>10:30-12:00</td>
<td>SYMPOSIUM 1.</td>
<td>THE EYE AND THE BRAIN SYMPOSIUM</td>
<td>Patrick Yu-Wai-Man and Axel Petzold, United Kingdom</td>
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<tr>
<td>10:30-11:10</td>
<td>KEYNOTE LECTURE 2.</td>
<td>Ocular Biomarkers of Traumatic Brain Injury</td>
<td>Randy H. Kardon, USA</td>
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<td>11:10-11:30</td>
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<td>Ocular Biomarkers of Disease in Children: Structure and Function</td>
<td>Irene Gottlob, United Kingdom</td>
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<td>11:30-11:50</td>
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<td>A Neurodegenerative Perspective on Mitochondrial Optic Neuropathies</td>
<td>Patrick Yu-Wai-Man, United Kingdom</td>
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<td>11:50-12:00</td>
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<td>Questions &amp; Answers</td>
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<td>12:30-13:30</td>
<td>LUNCHTIME SYMPOSIUM</td>
<td>LEBER HEREDITARY OPTIC NEUROPATHY</td>
<td>Patrick Yu-Wai-Man, United Kingdom and Aki Kawasaki, Switzerland</td>
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<td>12:30-12:35</td>
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<td>Introduction</td>
<td>Patrick Yu-Wai-Man, United Kingdom</td>
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<td>12:35-12:50</td>
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<td>Clinical Features and Molecular Genetics</td>
<td>Catherine Vignal-Clermont, France</td>
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<td>12:50-13:00</td>
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<td>Differential Diagnosis and Investigations</td>
<td>An-Guor Wang</td>
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<td>13:00-13:10</td>
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<td>Patient Representatives - Living with LHON</td>
<td>Russell Wheeler &amp; Pedro Luengo</td>
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<td>13:10-13:25</td>
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<td>Treatment Options for LHON</td>
<td>Thomas Klopstock, Germany</td>
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<td>13:25-13:30</td>
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<td>Closing Remarks</td>
<td>Aki Kawasaki, Switzerland</td>
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<td>13:30-14:00</td>
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<td>Break</td>
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14:00-15:45 SYMPOSIUM 2.
VASCULAR DISORDERS WITH NEURO-OPHTHALMIC MANIFESTATIONS
SYMPOSIUM
Moderators: László Csiba and Dániel Bereczki, Hungary and Patricia Logan, Ireland

14:00-14:20 When is Diplopia Strongly Suggestive of a Vascular Event?
Caroline Tilikete, France

14:20-14:25 Questions & Answers

14:25-14:45 When is Visual Loss Strongly Suggestive of a Vascular Event?
Paul Riordan-Eva, United Kingdom

14:45-14:50 Questions & Answers

14:50-15:10 NAION: A Spectrum of Ischemia
Anthony Arnold, USA

15:10-15:15 Questions & Answers

15:15-15:35 Neurointerventional Treatment of Vascular Pathology Causing Ophthalmological Symptoms
Istvan Szikora, Hungary

15:35-15:45 Questions & Answers

15:45-16:15 Break

16:15-18:00 SYMPOSIUM 3.
NEURO-OPHTHALMIC COMPLICATIONS OF NEOPLASTIC DISEASE
Moderators: Ruth Huna Baron, Israel and Attila Bago, Hungary

16:15-16:35 Optic Pathways Glioma – Update
Neil Miller, USA

16:35-16:55 Emerging Retinal Imaging Applications in Neuro-ophthalmology-Neuro-oncology
Delia Cabrera DeBuc, Ruth Huna Baron, Israel

16:55-17:20 Overview of Neuro-Ophthalmic Aspects of Malignant Tumors
Ruth Huna Baron, Israel

17:20-17:55 KEYNOTE LECTURE 3.
Radiation Optic Neuropathy
Laszlo Mechtler, USA

17:55-18:00 Discussion

18:30 Counsel Meeting

FREE EVENING

Tuesday, September 12, 2017

8:00-10:00 SYMPOSIUM 4.
EYE PAIN AND ALIKES
Moderators: Kathleen Digre, USA and Andrea Facskó, Hungary

8:00-8:30 The Face Doesn’t Lie: Objective Measures of Photosensitivity
Randy H. Kardon, USA
13th MEETING OF EUROPEAN NEURO-OPHTHALMOLOGICAL SOCIETY

8:30-9:00  More than Meets the Eye: Migraine Phenomena and The Eye
   Kathleen Digre, USA
9:00-9:20  Ophthalmic causes of Eye Pain
   Andrea Facskó, Hungary
9:20-9:40  Non-Ocular Causes of Eye Pain: Beyond the Usual Suspects
   Patrick Lavin, USA
9:40-9:50  Discussion

9:50-10:00  UPDATE ON NOVEL

10:00-10:30  Break

10:30-12:30  SYMPOSIUM 5.
   BEYOND IIIH: HIGH AND LOW CEREBROSPINAL FLUID PRESSURE SYNDROMES
   Moderators: Gordon Plant, United Kingdom & Judit Somlai, Hungary

10:30-10:50  High and Low CSF Pressure Syndromes and Neuro-Ophthalmology
   Gordon Plant, London, United Kingdom
10:50-11:10  High and Low CSF Syndromes: MRI and OCT
   Laura dell’Arte, London, United Kingdom
11:10-11:30  Is There Any Correlation Between Idiopathic Intracranial Hypertension and Intracerebral Venous Circulatory Disorders?
   Judit Somlai, Budapest, Hungary
11:30-11:40  Stenting Makes More Sense than Shunting
   Gabor Michael Halmagyi, Sydney, Australia
11:40-11:50  Relationship Between Intraocular and Intracranial Pressure
   Marijan Klarica, Zagreb, Croatia
11:50-12:00  Use of the Heidelberg Spectralis OCT Device to Assess Spontaneous Venous Pulsation in Patients with Headaches
   James McHugh, London, United Kingdom
12:00-12:15  Discussion

12:15-12:30  UPDATE ON THE NEURO-OPHTHALMOLOGY JOURNAL
   Walter Jay, USA & Gordon Plant, United Kingdom

12:30-14:00  Lunch & POSTER SESSION II.

14:00-17:00  SYMPOSIUM 6.
   NEURO-OPHTHALMIC APPLICATIONS OF EYE AND BRAIN IMAGING
   Moderators: Cameron Parsa, France and Gábor Somfai, Hungary

14:00-15:20  IMAGING I
   Randy H. Kardon, USA
14:30-14:50  Introduction: What is Adaptive Optics?
   Kristina Irsch, USA
14:50-15:10  Looking at The Optic Nerve Head and Seeing the Lamina Cribrosa with Adaptive Optics
   Stéphanie Zwillinger, France
15:10-15:20  Discussion

15:20-15:40  Break
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<tr>
<td>15:40-17:00</td>
<td><strong>IMAGING II.</strong></td>
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| 15:40-16:00 | Peering at Sensory and Neural Retina: Overlap Retina-Neuro-Ophthalmic Syndromes  
Kiyoko Gocho, Japan                                                      |
| 16:00-16:20 | Vascular Wall Changes with Intracranial and Arterial Hypertension    
Michel Pacques, France                                                   |
| 16:20-16:50 | **KEYNOTE LECTURE 4.**                                                |
|            | Neocortex Calcium Imaging of the Visual System                       
Balazs Rozsa, Hungary                                                    |
| 16:50-17:00 | Discussion                                                            |
| 17:00-17:50 | **MINI SYMPOSIUM 2.**                                                 |
|            | FUTURE DIRECTIONS IN NEURO-OPHTHALMOLOGY                              |
|            | Moderators: Klara Landau, Switzerland and Walter Jay, USA             |
| 17:00-17:15 | Management of Giant Cell Arteritis – What’s New?                      
Klara Landau, Switzerland                                                 |
| 17:15-17:30 | Tablets and Smart Phone Accessibility Features for Neuro-Ophthalmological Conditions 
Walter Jay, USA                                                          |
| 17:30-17:45 | Amblyopia: From a Pediatric to a Neuro-Ophthalmic Disorder             
Hana Leiba, Israel                                                        |
| 17:45-18:00 | Strabismus Measurements with Novel Video Goggles                      
Konrad Weber, Switzerland                                                 |
| 19:00      | GALA DINNER                                                            |

**Wednesday, September 13, 2017**

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<tr>
<td>8:00-9:00</td>
<td><strong>GENERAL ASSEMBLY MEETING</strong></td>
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<td>9:00-10:30</td>
<td><strong>SYMPOSIUM 7.</strong></td>
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<td>UNEXPLAINED VISUAL LOSS ILLUSTRATED BY CASE PRESENTATIONS</td>
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<td>Moderators: Marko Hawlina, Slovenia and Marta Janaky, Hungary</td>
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| 9:00-9:20  | How to Approach a Patient with Unexplained Visual Loss?              
Marko Hawlina, Slovenia                                                   |
| 9:20-9:40  | Unexplained Visual Loss-Differential Diagnostic Clinical Findings    
Marta Janaky, Hungary                                                     |
| 9:40-10:00 | Psychogenic Disorders in Neuro-Ophthalmology                         
Patrick Lavin, USA                                                        |
| 10:00-10:20 | Why the ERG is Exinguished ("flat") in Leber's Congenital Amaurosis 
Cameron Parsa, France                                                     |
| 10:20-10:30 | Discussion                                                            |

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<td>10:30-11:00</td>
<td>Break</td>
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<tr>
<td>11:00-11:40</td>
<td><strong>EUNOS LECTURE</strong></td>
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<td>11:00-11:10</td>
<td>Controversies in Neuro-Ophthalmology</td>
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<td>11:40-11:50</td>
<td>Neil Miller, USA</td>
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<td>11:40-11:50</td>
<td>Discussion</td>
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<td>11:50-12:55</td>
<td><strong>MINI SYMPOSIUM 4.</strong></td>
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<td>11:50-12:05</td>
<td>SCIENTIFIC SYMPOSIUM 2.</td>
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<td>12:05-12:55</td>
<td>Free papers and Case presentations</td>
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<td>12:55-13:00</td>
<td>Fion Bremner, United Kingdom &amp; Anat Kesler, Israel</td>
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<td>12:55-13:00</td>
<td><strong>CLOSING REMARKS OF EUNOS 2017</strong></td>
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<td>13:00</td>
<td>Certificate of attendance</td>
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