Rotaviruses (RV) and Noroviruses (NoV) are the most common causes of severe acute gastroenteritis (AGE) in children. It is generally accepted that RV causes severe AGE in a higher proportion of cases compared with NoV.

Globally, norovirus is associated with approximately one-fifth of all diarrhea cases, with similar prevalence in both children and adults, and is estimated to cause over 200,000 deaths annually in developing countries. Norovirus is an important pathogen in a number of high-priority domains: it is the most common cause of diarrheal episodes globally, the principal cause of foodborne disease outbreaks in the United States, a key health care-acquired infection, a common cause of travel-associated diarrhea, and a bane for deployed military troops. Partly as a result of this ubiquity and burden across a range of different populations, identifying target groups and strategies for intervention has been challenging. And, on top of the breadth of this public health problem, there remain important gaps in scientific knowledge regarding norovirus, especially with respect to disease in low-income settings. Many pathogens can cause acute gastroenteritis. Historically, rotavirus was the most common cause of severe disease in young children globally. Now, vaccines are available for rotavirus and are universally recommended by the World Health Organization. In countries with effective rotavirus vaccination programs, disease due to that pathogen has decreased markedly, but norovirus persists and is now the most common cause of pediatric gastroenteritis requiring medical attention. However, the data supporting the precise role of norovirus in low- and middle-income settings are sparse. With vaccines in the pipeline, addressing these and other important knowledge gaps is increasingly pressing.

The global health community is beginning to gain an understanding of the global burden of norovirus-associated disease, which appears to have significant burden in both developed- and developing-country populations. Of particular importance is the growing recognition of norovirus as a leading cause of gastroenteritis and diarrhea in countries where rotavirus vaccine has been introduced. While not as severe as rotavirus disease, the sheer number of norovirus infections not limited to early childhood makes norovirus a formidable global health problem. Multiple vaccine strategies, mostly relying on virus-like particle antigens, are under development and have demonstrated proof of efficacy in human challenge studies. Several are entering phase 2 clinical development. Norovirus vaccine development challenges include, but are not limited to: valency, induction of adequate immune responses in pediatric and elderly populations, and potential for vaccine-strain mismatch. Given current strategies and global health interest, the outlook for a norovirus vaccine is promising. Because a norovirus vaccine is expected to have a dual market in both developed and developing countries, there would likely be scale-up advantages for commercial development and global distribution. Combination with or expression by another enteric pathogen, such as rotavirus, could also enhance uptake of a norovirus vaccine.

NRVW 2018 will offer a new forum for researchers to focus on an update of progress with rotavirus vaccines and developments in the research and ultimate implementation of norovirus vaccines.

Abstracts for both oral and poster presentation are called for. Abstracts should be sent directly to the NRVW 2018 Secretariat (John Herriot at Meetings Management to email address: jherriot@meetingsmgmt.u-net.com).

**SCIENTIFIC ADVISORY PANEL**

Timo Vesikari (University of Tampere, Finland)  
Sean Tucker (Vaxart Inc., South San Francisco, California, USA)  
Bernd Benninghoff (GSK Biologicals, Wavre, Belgium)  
Daniel Cohen (Tel Aviv University, Tel Aviv, Israel)  
K. Zaman (ICDDR, Dhaka, Bangladesh)  
Robert F. Bargatze (Consultant, Takeda Vaccines Inc., Bozeman, Montana, USA)  
Hugues Bogaerts (Consultant, Takeda Vaccines, Belgium)
‘WHO viewpoint on rotavirus vaccines and norovirus vaccines’
Speaker to be confirmed
(WHO, Geneva, Switzerland)

‘Combined rotavirus VP6 and norovirus VLP vaccine’
Timo Vesikari
(University of Tampere, Tampere, Finland)

‘Rotavirus vaccine studies: Past, present and future’
K. Zaman
(ICCDDR, Dhaka, Bangladesh)

‘Challenges in developing a norovirus vaccine and recent approaches in addressing those challenges’
Seán Tucker
(Vaxart Inc, South San Francisco, California, USA)

‘The benefits of rotavirus vaccination: Lessons learned from European data 2006-2017’
D. Poelaert, B. Standaert, V. Singh, V. Vetter and B. Benninghoff
(GSK Vaccines, Waare, Belgium)

‘Clinical development of a bivalent norovirus VLP vaccine candidate’
Jim Sherwood, Taisei Masuda, Inge Lefere and Astrid Borkowski
(Takeda Pharmaceuticals International AG, Zurich, Switzerland)

‘Evaluation of vaccine preventable disease surveillance system in Haryana state, India 2015’
Prasoon Sheoran
(Directorate of Health & Family Welfare, Dehradun, India)

‘Rotavirus VP6 vaccine induced cell mediated immunity’
Suvi Heinim
(University of Tampere, Tampere, Finland)

‘Rotavirus vaccines: Title to be confirmed’
Nigel A. Cunliffe
(University of Liverpool, Liverpool, UK)

‘A review of recommendations for rotavirus vaccination in Europe’
D. Poelaert, P. Pereira, Robert Gardner, B. Standaert and B. Benninghoff
(GSK Vaccines, Waare, Belgium)

‘A prospective study on the importance of Norovirus as a cause of AGE among children in four countries in Latin America and Asia (2014-17)’
Margarita Riera-Montes, Marco Aurelio Safadi, Lulu Bravo, Auchara Tangsalspampong, U. Thisyakorn, Rosanna Lagoa, Alexandre Linhares, Maria Rosario Capeding, Olam Prommalikit, Miguel O’Ryan and Thomas Verstraeten
(1) P95 Epidemiology and Pharmacovigilance Services, Leuven, Belgium; (2) Department of Pediatrics, Santa Casa de Sao Paulo School of Medical Sciences, Brazil; (3) National Institutes of Health, University of the Philippines, Manila, Philippines; (4) Department of Pediatrics, Faculty of Medicine, Chulalongkorn University, Pathumthani, Thailand; (5) Chulalongkorn University, Bangkok, Thailand; (6) Centre for Vaccine Development, Hospital de Niños Roberto del Rio, Santiago, Chile; (7) Virology Section, Instituto Evaristo Chagas, Belém, Brazil; (8) Department of Health, Research Institute for Tropical Medicine, Muntinlupa City, Philippines; (9) Department of Pediatrics, HRH Princess Maha Chakri Sirindhorn Medical Centre, Nakhon-Nayok, Thailand; (10) Institute of Biomedical Sciences, Universidad de Chile, Santiago, Chile)

‘Norovirus surveillance (two year family surveillance) in Chile’
Miguel O’Ryan
(Faculty of Medicine, University of Chile, Santiago, Chile)

‘Emerging rotavirus G8 strains in Chile’
Miguel O’Ryan
(Faculty of Medicine, University of Chile, Santiago, Chile)

‘Serological imprinting shapes norovirus vaccine responses’
(1) Department of Epidemiology, University of North Carolina, Chapel Hill, North Carolina, USA; (2) Department of Chemical Engineering, University of Texas at Austin, Texas, USA; (3) Department of Molecular Biosciences, University of Texas at Austin, Texas, USA; (4) Institute for Cellular and Molecular Biology, The University of Texas at Austin, Texas, USA)

‘Title to be confirmed’
Yuri Vasiliev
(State Research Institute of Ultrapure Biological, St. Petersburg, Russian Federation)

‘Norovirus VLP induced type-specific and cross-reactive immunity’
Kirs Tamminen, Maria Malm, Suvi Heinimäki, Timo Vesikari and Vesna Blazevic
(Vaccine Research Center, Faculty of Medicine and Life Sciences, University of Tampere, Tampere, Finland)

‘Re-engineering the rotavirus genome to express the norovirus capsid protein’
John T. Patton
(Indiana University, Bloomington, Indiana, USA)

‘Conformational occlusion of conserved GII.4 blockade antibody epitopes: A novel mechanism of human norovirus immune evasion’
(1) Department of Epidemiology, University of North Carolina, Chapel Hill, North Carolina, USA; (2) Department of Natural Sciences, Bowie State University, Bowie, Maryland, USA; (3) Humanis BioMed SA, Bellinzona, Switzerland; (4) Institute for Research in Biomedicine, Bellinzona, Switzerland; (5) Institute of Microbiology, Zurich, Switzerland)

LATE-BREAKER ORAL AND POSTER ABSTRACTS

The Scientific Advisory Panel have set an extended deadline for Late-Breaker Oral and Poster Abstracts of Friday 18th May 2018. Prospective authors should submit one page Word documents to the Conference Organizers (Meetings Management) for consideration.

Please send submissions for the attention of John Herriot by e-mail to: jherriot@meetingsmgmt.u-net.com

Late-Breaker Oral and Poster Abstracts should be submitted by Friday 18th May 2018.
NRVW 2018 · 4-6 JUNE 2018, LAUSANNE, SWITZERLAND · INFORMATION FOR DELEGATES

REGISTRATION

Delegates should register for NRVW 2018 by completing the form provided on the back page of this brochure. The completed Conference Registration Form plus payment (payment in £ Pounds Sterling) should be sent to the NRVW 2018 Conference Manager – Caroline Sumner at Meetings Management. The NRVW 2018 Conference Registration Desk will be open from 8.00am on Monday 4th June 2018.

Delegates can also register securely on-line at: www.meetingsmanagement.com/nrvw_2018

VENUE & ACCOMMODATION

NRVW 2018 will be held at:

CHUV, Lausanne, Switzerland

Accommodation: there are numerous hotels in Lausanne to suit most budgets. For information details on accommodation in Lausanne and other useful information, please visit:

http://www.lausanne-tourisme.ch/en/

Please note that the NRVW 2018 conference organizers will not be recommending any specific hotels in Lausanne.

June is a busy time in Lausanne and it is recommended that NRVW 2018 delegates book their accommodation without delay.

PUBLICATION

A USB storage device containing the final programme and abstracts of all presentations, oral and poster, will be distributed to delegates when they register at the conference.

TABLE TOP EXHIBITION

Table Top Exhibition space is available at the meeting. Exhibitors can showcase their products or services by reserving a table top exhibit. The exhibit area will be located where all refreshments breaks will be taken to ensure maximum traffic of conference delegates. If you are registering for the conference, you can reserve a table for £1995. If you do not wish to attend the conference sessions, you can reserve a table for £3995 (includes admission to all meals/receptions by one company representative).

PLEASE NOTE: If you wish to have additional representatives on your table top exhibit there will be an additional charge for catering levied per head. Please contact the Conference Manager for this additional price.

Please make your bookings and payment using the relevant section on the Delegates Registration Form on the back page of this brochure. All general enquiries regarding Delegate Pack Insertion services at NRVW 2018 should be directed to John Herriot at Meetings Management (jherriot@meetingsmgmt.u-net.com).

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DELEGATE PACK INSERT SERVICE

Company literature/brochures/conference brochures may be distributed to delegates as part of the documentation issued on arrival/registration. One insertion in the NRVW 2018 delegate pack is priced at £425. Please make your booking and payment using the relevant section on the Delegates Registration Form on the back page of this brochure. All general enquiries regarding Delegate Pack Insertion services at NRVW 2018 should be directed to John Herriot at Meetings Management (jherriot@meetingsmgmt.u-net.com).

PLEASE NOTE: Literature for distribution to NRVW 2018 delegates is subject to approval by the conference organizers.

INSURANCE & CANCELLATION

The organizers cannot be held responsible for any personal accident or damage to their private property of participants at NRVW 2018. The organizers strongly urge participants to ensure they have adequate travel and personal insurance cover before they depart for the conference. The organizers cannot be held liable for any costs incurred should the conference be cancelled for any reason. Maximum notice of cancellation will be given by the organizers to all pre-registered delegates.

PROGRAMME

The NRVW 2018 Scientific Advisory Panel and the NRVW 2018 Conference Organizers reserve the right to alter any part of the published provisional conference programme if this is necessitated by any circumstances outside their control. All efforts will be made to keep any such changes to a minimum. The provisional programme published in the brochure was correct at the time of going to press.

CANNOT ATTEND?

If you and your colleagues are unable to attend the conference, the conference materials (abstract booklet, speaker handouts, late abstracts, attendee list, pack materials and literature) are available for purchase. While not intended as a substitute for actual attendance, these materials would at least provide a documentary record of the event and allow you to keep you or your organization’s library up to date. The cost of providing this non-attendee package is £395 (including postage and packing). To order this package from Meetings Management please use the relevant section in the Delegates Registration Form on the back page of this brochure.

ANY QUESTIONS?

For further information and assistance, please contact: Caroline Sumner, NRVW 2018 Conference Manager:

NRVW 2018 Conference Secretariat, Meetings Management
Forge Cottage, Bowlhead Green, Godalming, Surrey GU8 6NW, United Kingdom.
Telephone: +44 (0)1483 427770 Fax: +44 (0)1483 428516
E-mail: csummer@meetingsmgmt.u-net.com

SECURE ON-LINE REGISTRATION IS NOW OPEN AT: www.meetingsmanagement.com/nrvw_2018
Please tick appropriate boxes and write clearly in BLOCK CAPITALS or type.

Surname ........................................ First Name ........................................ Title ........................................
Organization ........................................ Address ........................................
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Country ........................................ Telephone ........................................ Fax ........................................
E-mail (plain type or print): ........................................

If you are an EC business please state your VAT registration number: ........................................

Disabled (please state any special needs): ........................................ Special diet (please state requirements): ........................................

REGISTRATION FEES

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<th>Speaker/Delegate Registration Fees: (Please tick appropriate section)</th>
<th>(NOTE THAT FEES ARE IN UK £ STERLING)</th>
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<tr>
<td>□ Speaker Registration (submitted oral/poster papers)</td>
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<td>□ Full Registration</td>
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<td>□ Student Registration</td>
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Table Top Exhibits/Delegate Pack Inserts

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<tr>
<td>□ Table Top Exhibit (if registering for one of the four options above)</td>
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<td>□ Table Top Exhibit (i am NOT registered to attend)</td>
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<td>□ Delegate Pack Insert</td>
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Please NOTE: The above payments for Table Top Exhibits are for 1 company representative only. If you require additional representatives please contact the Conference Manager for a price.

For those Unable to Attend

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<td>□</td>
<td>Set(s) of NRVW 2018 materials</td>
<td>£395.00 (per set)</td>
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<td>Total Amount Payable</td>
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Registration fees include admission to all conference sessions, morning and afternoon refreshments and lunches on the 4th, 5th and 6th June 2018.

PAYMENT

□ I enclose a cheque for £ ........................................ made payable to Meetings Management. (Delegates registering from outside the UK must ensure that cheques are drawn on a London Bank. Please quote NRVW 2018 on the reverse of the cheque.)

□ I have made a payment by bank transfer (quoting NRVW 2018 on the transfer documentation) to Barclays Bank, Barclays Business Centre, Guildford Branch, PO Box 33, Guildford, Surrey GU1 3AN, UK:

UK Pounds Sterling Account: Meetings Management 0040614335, IBAN GB02BARC20353540614335 SWIFTBIC BARCBGB2

US Dollar Account: Meetings Management 53209211, IBAN GB77BARC2035359179600 SWIFTBIC BARCBGB2

PO Box 33, Guildford, Surrey GU1 3AN, UK:

IBAN GB02BARC20353559179600

US Dollar Account: Meetings Management 53209211, IBAN GB77BARC2035359179600 SWIFTBIC BARCBGB2

All transfer charges must be paid by the sender. Delegates paying by this method are requested to send the Conference Manager a copy of the bank transfer. Payments made by bank transfer must have £15.00 added to the total, PLEASE NOTE THAT IT WILL NOT BE POSSIBLE TO PAY REGISTRATION FEES BY BANK TRANSFER AFTER FRIDAY 11TH MAY 2018. LATE PAYMENT AFTER FRIDAY 11TH MAY 2018 MUST BE MADE BY CREDIT CARD (VISA/MASTERCARD/AMEX).

□ I would like to pay £ ........................................ by credit card (VISA/MasterCard/AMEX Express only accepted).

Card no. ........................................ 3 Digit Security Code (AMEX: 4 Digits) ........................................

Expiry Date ........................................ Registered Card Address ........................................

Please remember that any remittance sent but not received by the time of the conference must be paid again at the Registration desk: we will refund you after the conference. Cancellations received before Friday 29th April 2018 will be refunded in full less an administrative charge of £225 per person. Refunds will not be possible if a cancellation is received after Friday 26th April 2018. Substitutions can be made at any time prior to the conference. Please inform the Conference Manager of any changes. We strongly advise that delegates purchase travel insurance to cover any unforeseen circumstances and protect against loss of hotel deposits and registration fees.

Signature ........................................ Date ........................................

PLEASE RETURN THIS FORM TO:

NRVW 2018 CONFERENCE SECRETARIAT, MEETINGS MANAGEMENT
Forge Cottage, Bowlhead Green, Godalming, Surrey GU8 6NW, United Kingdom

Conference Manager: Caroline Sumner Telephone: +44 (0)1483 427770 Fax: +44 (0)1483 428516 E-mail: csunner@meetingsmgmt.u-net.com

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