After a flying start last year with around 160 participants from 8 countries we are extending the Diagnostics-4-Future Conference this year to two days. The conference is an international meeting-point for users and providers in diagnostics and neighbouring areas. It brings together industry, medicine and science for new diagnostics to improve health care. The discussed matters are highly user-orientated (medical needs). Compatibility with user processes is a key factor.

Organizer is the international competence network DiagNET, where companies, research institutions and clinics work on new diagnostics. A magnificent and unique atmosphere is included: The conference will take place at the historical „Konzil“ in Konstanz, directly at Lake Constance.

We are looking forward to welcoming you,

Dr. Michael Steinwand, board member BioLAGO – the health network

Conference topics

- Cancer diagnostics
- Lifestyle & diagnostics
- Therapy monitoring
- Digital diagnostics & Artificial Intelligence
- Multiresistant pathogens
### Programme

**Nov. 27, 2019**

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<th>Time</th>
<th>Event</th>
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<tr>
<td>15.30</td>
<td>Registration, exhibition &amp; networking</td>
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<tr>
<td>16.00</td>
<td><strong>Welcome and introduction</strong></td>
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<td></td>
<td><em>Dr. Jörg Schickedanz, BioLAGO / QIAGEN Lake Constance GmbH</em></td>
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<td><strong>Session 1: The future of diagnostics – everything digital?</strong></td>
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<td>Chair: Dr. Tobias Paprotka, Eurofins Genomics Europe Sequencing GmbH</td>
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<td>16.10</td>
<td><strong>KEYNOTE</strong></td>
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<td><em>Genomics and Artificial Intelligence in cancer diagnostics</em></td>
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<td><em>Prof. Dr. Benedikt Brors, German Cancer Research Center</em></td>
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<tr>
<td>16.35</td>
<td>How can portability and smartphone connectivity of next-gen POC devices contribute to digital diagnostics?</td>
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<td><em>Dr. Yuksel Temiz, IBM Research</em></td>
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<td>16.55</td>
<td>Requirements from the laboratory perspective</td>
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<td><em>Mario Savarese, COPAN Group S.P.A.</em></td>
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<td>17.15</td>
<td>Plenary discussion</td>
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<td>17.30</td>
<td>Networking, exhibition and posters</td>
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<td>18.00</td>
<td>Welcome Dinner at Steigenberger Inselhotel with live music</td>
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<tr>
<td>09.30</td>
<td>Registration, welcome coffee, exhibition, posters &amp; networking</td>
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| 10.00 | **Introduction and review of Day 1:**  
Dr. Michael Steinwand, BioLAGO                                       |
|       | **Session 2:** Diagnostic concepts enabling efficient antibiotic therapies  
Chair: Dr. Michael Steinwand, BioLAGO                                |
| 10.05 | **KEYNOTE**  
Fact or fiction: Will 10 million people die due to Antimicrobial Resistance by 2050?  
Dr. Marlieke de Kraker, Geneva University Hospitals                   |
| 10.30 | Requirements from a clinical-hygienic point of view for prevention and control in context with MRE  
Prof. Dr. med. Markus Dettenkofer, Clinic Radolfzell  
/Gesundheitsverbund Landkreis Konstanz                              |
| 10.50 | International efforts to fight multiresistance  
N.N.                                                                |
| 11.10 | Diagnostic test for the rational antibiotics therapy control in the intensive care  
Dr. med. Johannes Zander, Medical Laboratory Dr. Brunner, Dr. Matthias Herkert, DRG Instruments GmbH |
| 11.30 | Plenary discussion                                                    |
| 11.40 | Conference lunch, exhibition & poster sessions                        |
Session 3: Diagnosing cancer – challenges and progress

Chair: Dr. Simone Günther, EMC² Lake Constance

13.00 KEYNOTE
Cancer risk prediction and early diagnosis – novel strategies
Prof. Dr. Martin Widschwendter, University College London

13.20 The liquid biopsy: circulating tumour DNA for lung cancer management. Promises and pitfalls
Prof. Dr. Stephen Finn, St. James’s Hospital / Trinity College Dublin

13.40 Cell heterogeneity in leukaemia - implications for therapy and diagnosis
Prof. Dr. Michael A. Rieger, Goethe University Hospital Frankfurt

14.00 PANEL DISCUSSION
Diagnostics for immunotherapies: the patient’s sample determines the medicine – another paradigm shift?
Introduction and moderation: Dr. Dr. Saskia Biskup, CeGaT GmbH
• Prof. Dr. med. Paul Graf La Rosée, Schwarzwald-Baar Klinikum Villingen-Schwenningen
• Prof. Dr. Stephen Finn, St. James’s Hospital / Trinity College Dublin
• Prof. Dr. Martin Widschwendter, University College London
• Dr. Simone Günther, Becton Dickinson
• Dr. med. Rudolf Morant, Krebsliga Ostschweiz / Tumor and Breast Center ZeTuP
• Prof. Dr. Michael A. Rieger, Goethe University Hospital Frankfurt
14.50  Coffee break, exhibition, networking & poster sessions

15.30  **Poster award ceremony** (*powered by XOLARIS*)
       Moderation: Prof. Dr. Alexander Bürkle, University of Konstanz

**Session 4: Lifestyle & Diagnostics**
Chair: Otto Knes, SwissAnalysis AG

15.40  **KEYNOTE**
Study on safety, health improvement and well-being during periodic fasting in 1422 subjects
*Dr. Françoise Wilhelmi de Toledo and Franziska Grundler, Clinic Buchinger Wilhelmi*

16.05  Smart urinalysis – new methods of nutrition intake monitoring
*Dr. Dieter Ulrich, CSEM Centre Suisse d’Electronique et de Microtechnique SA*

16.25  Histamin intolerance – a consumer test for histamin testing in food
*Dr. Nicole Schneiderhan-Marra, NMI Natural and Medical Sciences Institute at University of Tübingen*

16.45  Plenary discussion and closing remarks, networking apéro & exhibition

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**Call for posters - Get one of 10 free conferencing tickets!**

**Deadline: Oct. 16, 2019**

More information: [www.diagnostics4future.org](http://www.diagnostics4future.org)
Konzil / Council of Constance
Hafenstr. 2
78462 Konstanz
Germany

Registration and fees
Online at: www.diagnostics4future.org

Regular: 240 €*  //  BioLAGO member: 190 €*
Clinician: 190 €*  //  Student: 140 €*

Early bird tickets: 15% off until August 15, 2019
* All prices are in Euros and subject to 19% VAT

Supporters

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T. +49 7531 92 15 25 - 2 // michael.statnik@biolago.org // www.biolago.org // www.diagnet.org
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