TAMPERE CELIAC DISEASE SYMPOSIUM 2018
Serology and Biomarkers
September 13 - 15, 2018

University of Tampere, Faculty of Medicine and Life Sciences
Arvo Building, Arvo Ylpön katu 34, 33520 Tampere, Finland

Thursday, September 13
Satellite Symposium (no pre-registration required)
Thermo Fisher Scientific
Restaurant Ziberia, address: Itäinenkatu 9, Tampere (“next door” to the Symposium Get together at Restaurant Plevna)
Chair: Sune Sved, Thermo Fisher Scientific

17.30 – 18.00 Basis for good serology replacing biopsy in celiac disease clinical diagnostics: Markku Mäki, University of Tampere, Finland
18.00 – 18.30 Economical aspects of early celiac diagnosis: Katri Kaukinen, University of Tampere, Finland
18.30 – 18.50 Discussion

19.00 Tampere Celiac Disease Symposium 2018 Get together at Restaurant Plevna, address: Itäinenkatu 8, Tampere (Finlayson area)

Friday, September 14

08.15 Bus transportation from the Radisson Blu Grand Hotel Tammer, address: Satakunnankatu 13, to the venue

1. Opening session, Chair: Markku Mäki, Jarmo Visakorpi Auditorium, OPEN FOR ALL

09.00 – 09.10 Opening words, Markku Mäki, University of Tampere, Finland
09.10 – 09.20 3rd Maki Celiac Disease Tampere Prize announcement: Vice rector Seppo Parkkila, University of Tampere, Finland
09.20 – 09.50 Keynote lecture: Awardee
09.50 – 10.20 Keynote lecture: T- and B-cell involvement in celiac disease pathogenesis: Ludvig Sollid, University of Oslo, Norway
10.20 – 10.50 Coffee break and poster viewing, Yellow Hall
2. Use of serology biomarkers in celiac disease diagnosis and follow-up, Auditorium F114
Chair: Katri Kaukinen, Govind Makharia

10.50 – 11.15 Serum autoantibody testing in children: Sibylle Koletzko, University of Munich, Germany

11.15 – 11.40 Serum autoantibody testing in adults: Umberto Volta, University of Bologna, Italy

11.40 – 12.05 Pitfalls in serum autoantibody performance and interpretation: Ilma Korponay-Szabo, University of Debrecen, Hungary

12.05 – 12.25 Oral presentations (2):

12.05 – 12.15 Simvastatin as a biomarker for intestinal villous health for recovering celiac disease patients, Jack Syage, ImmunogenX, CA, United States

12.15 – 12.25 Innovative ELISA assay for the detection of serum anti-TG3 antibodies and dermatitis herpetiformis diagnosis, Daniele Sblattero, University of Trieste, Italy

12.25 – 13.30 Lunch break and poster viewing, Yellow Hall

3. Pathogenesis and biomarkers, Auditorium F114
Chair: Katri Lindfors, Ludvig Sollid

13.30 – 13.55 Mechanisms underlying development of inflammatory immune responses to dietary antigens: Bana Jabri, University of Chicago, USA

13.55 – 14.20 T- and B-cell immunology biomarkers: Robert Anderson, ImmusanT, USA

14.20 – 14.50 Oral presentations (3)

14.20 – 14.30 Kinetics and transcriptomics of gluten-specific T cells in blood after gluten challenge, Stephanie Zühlke, University of Oslo, Norway

14.30 – 14.40 Tolerogenic immune-modifying nanoparticles containing gliadin restore tolerance & abrogate disease in murine models of coeliac disease, Tobias Freitag, University of Helsinki, Finland

14.40 – 14.50 Celiac patients challenged with Gluten-FriendlyTM bread experienced a range of mucosal injury while reporting no adverse symptoms or improvement of symptoms, Angelo Andriulli, Ospedale Casa Sollievo della Sofferenza, San Giovanni Rotondo, Foggia, Italy

14.50 – 15.20 Coffee break and poster viewing, Yellow Hall

4. Genetic and non-immunological biomarkers, Auditorium F114
Chair: Keijo Viiri, Bana Jabri

15.20 – 15.45 Celiac disease genetics and biomarkers: Iris Jonkers, University of Groningen, Netherlands
15.45 – 16.10 Non-immunological biomarkers in celiac disease: Govind Makharia, AIIMS, India

16.10 – 16.35 Keynote lecture: Imaging the unimaginable with Imaging mass cytometry: Frits Koning, University of Leiden, Netherlands

16.35 – 17.00 Keynote lecture: Why and where to find surrogate biomarkers: Chaitan Khosla, Stanford University, USA

17.05 – 17.15 Oral presentation (1)

17.05 – 17.15 The oral transglutaminase 2 (TG2) inhibitor ZED1227 blocks TG2 activity in a mouse model of intestinal inflammation, Encalada Ventura, University Medical Center, Germany

17.15 – 18.30 Poster rounds, wine and cheese, Yellow Hall

18.30 Bus transportation to the city center (Radisson Blu Grand Hotel Tammer)

20.00 Dinner at Restaurant Finlayson Palace, address: Kuninkaankatu 1, Tampere

Saturday, September 15

08.30 Bus transportation from the Radisson Blu Grand Hotel Tammer, address: Satakunnankatu 13, to the venue

5. Biopsy in celiac disease clinics, needed or not?, Auditorium F114
Chair: Ilma Korponay-Szabo, Umberto Volta

09.00 – 09.25 Biopsy is the gold standard: Knut Lundin, University of Oslo, Norway

09.25 – 09.50 Serology-based diagnosis is the future: Katri Kaukinen, University of Tampere, Finland

09.50 – 10.20 Oral presentations (3)

09.50 – 10.00 ESPGHAN non-biopsy criteria have excellent accuracy for celiac disease in adults with different pretest probabilities: Valma Fuchs, University of Tampere, Finland

10.00 – 10.10 Molecular histomorphometry as a tool to assess degree of intestinal injury in celiac disease: Keijo Viiri, University of Tampere, Finland

10.10 – 10.20 Potential biomarkers to add when celiac disease is difficult to establish, Hanna Bragde, Linköping University, Sweden

10.20 – 10.50 Coffee break and poster viewing, Yellow Hall
6. The Finnish Celiac Disease Guidelines
Chair: Pekka Collin, Sibylle Koletzko

10.50 – 11.15  20-year anniversary of the Finnish Celiac Disease Guidelines. Management model for 2018: Kalle Kurppa, University of Tampere, Finland

Panel
Chair: Katri Kaukinen, Kalle Kurppa, Knut Lundin, Govind Makharia, Sibylle Koletzko

11.15 – 12.45  Panel and general discussion on “biopsy or not”. Invited commentaries.

12.45 – 13.00  Best Abstract of the Symposium Prize, Kalle Kurppa, University of Tampere, Finland

Closing words, Markku Mäki, University of Tampere, Finland

13.00  Farewell lunch, Yellow Hall

14.00  Bus transportation to the city center (Radisson Blu Grand Hotel Tammer)
Sponsored by:

**ThermoFisher Scientific**
EliA™ Celikey (tTG) and EliA GliadinDP – safe, efficient and automated assistance in identifying celiac disease patients

**Innovate Biopharmaceuticals**
Innovate Biopharma is a clinical stage biotechnology company focused on developing novel medicines for autoimmune/inflammatory diseases. Innovate’s celiac disease drug will enter Phase 3 clinical trials in the U.S. in 2018.

**ImmusanT**
Developing therapeutic vaccine, Nexvax2, an antigen-specific immunotherapy for Celiac Disease. Planning for phase 2 study to start early 2018 in HLA DQ2.5 positive CeD patients who have been managed with gluten-free diet. Developing a highly specific and sensitive, simple blood-based diagnostic test: global studies to start early 2018. For more information visit [www.immusant.com](http://www.immusant.com)

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**Dr Falk**

**Schär**

**Eurospital**
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**Tampere Celiac Disease Symposium 2018**
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Faculty of Medicine and Life Sciences – Arvo building
University of Tampere, Finland
ImmunogenX is a clinical-stage company developing a therapeutic drug, latiglutenase, for the relief of symptoms in celiac disease patients and a minimally-invasive diagnostic technology, CypCel, for monitoring the state of villous health.

Biomedal has launched the first gluten consumption monitoring tests. Biomedal offers a range of last generation technology for detection of gluten. The gluten free diet monitoring can now be directly performed with Biomedal products for professional and at home use that can detect gluten in urine or stool samples with high sensitivity and specificity.

Some of the clinical utility of those tests could be the immediate feedback for newly diagnosed celiacs to learn diet, the reassurance and confirmation about dietary compliance, monitoring of cumulative gluten consumption or to verify gluten challenge prior to diagnosis.

For more information visit [www.biomedal.com](http://www.biomedal.com) or contact [info@biomedal.com](mailto:info@biomedal.com)

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