



Invitation and Programme
**Working Group on Prolamin
Analysis and Toxicity**

34th Meeting

15 - 16 October 2020, on-line, from Postal, Italy

Scientific Organisation

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Host

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Dear friends, colleagues, and guests,

it is a pleasure for me to invite you to the 34th meeting of the Working Group on Prolamin Analysis and Toxicity (PWG) **to be held on-line from Postal, Italy, on 15th and 16th October 2020**. This year, Dr. Schaer is our host in a very special situation. Initially, the meeting was prepared as a face-to-face meeting, but the global corona virus pandemic has made this impossible. I am very grateful to Jacqueline Pante and Fabiana Saorin for their flexibility in managing all the challenges with the organization. Nevertheless, we decided that a small core group of the PWG will be in place during the meeting.

Please find the scientific programme below, and information on participation and registration is given on the **registration form**. The registration fee is **70 Euro**. To register, please complete the registration form and pay the registration fee. Please register **no later than 7th September, 2020!**

The PWG will take up discussions on analytical and clinical issues of gluten and coeliac disease as well as legal issues and the control of gluten-free food for people with gluten hypersensitivities.

We shall have a symposium on “Triggers and drivers of coeliac disease” with four presentations from recognised experts in this field of research. As usual, there will be presentations on the state-of-the-art in analytical and clinical aspects of coeliac disease and other wheat hypersensitivities.

All speakers should bring an electronic abstract of their presentation in Word-format (1 page) to be included into the proceedings, which will be published electronically as pdf-file for download from the PWG website.

Looking forward to the first on-line PWG-meeting!

Esslingen, in August 2020

Peter Koehler

Scientific Programme – 34th Meeting (on-line)
Working Group on Prolamin Analysis and Toxicity
 15 – 16 October 2020, Postal, Italy

Thursday, 15 October 2020	
14:00	Opening of the meeting <i>Peter Koehler, Jacqueline Pante</i>
	Analytical session
14:10-14:30	Identification of wheat, rye and barley gluten peptides crosslinked to human tissue transglutaminase <i>Katharina Scherf</i>
14:30-15:00	Wheat lines with specific ATI genes silenced by RNAi and CRISPR-Cas9 for the understanding of their role in Non Celiac Wheat Sensitivity <i>Stefania Masci</i>
15:00-15:20	Wheat modified for low occurrence of CD epitopes <i>René Smulders</i>
15:20-15:40	Looking beyond PWG-gliadin at future reference materials for gluten <i>Katharina Scherf</i>
15:40-16:30	<i>Break</i>
	Clinical session
16:30-16:50	Update on clinical studies for pharmacological treatment of coeliac disease <i>Detlef Schuppan</i>
16:50-17:10	Densities of IL4 ⁺ and TCR γ δ ⁺ T cell subsets as biomarkers of intestinal mucosa damage in coeliac disease <i>Carmen Gianfrani</i>
17:10-17:30	Gliadin peptide p31-43 induces multiple cell death pathways in the gut <i>Fernando Chirido</i>
17:30-17:50	New data on the urinary GIP determination <i>Carlo Catassi</i>
17:50	<i>End of day 1</i>
18:00	The Prolamin Working Group Executive Meeting (members only)
Friday, 16 October 2020	
14:00	Symposium “Triggers and drivers of coeliac disease”
14:10-14:30	Gliadin and its peptide 31-43 as a proinflammatory molecule <i>Riccardo Troncone</i>
14:30-15:00	The role of viruses as triggers of coeliac disease <i>Valentina Discepolo</i>
15:00-15:20	The role of bacteria as triggers of coeliac disease <i>Frits Koning</i>
15:20-15:40	The adaptive CD4 ⁺ T cell response; current understanding of immunobiology and implications for diagnosis and clinical trials <i>Knut Lundin</i>
15:40-16:00	Discussion of symposium talks
16:00	<i>Break</i>
16:30	Discussion of current developments concerning gluten analysis, clinical and legal aspects
16:30-16:50	Update on regulatory issues of gluten <i>Hertha Deutsch</i>
16:50-17:10	General discussion
17:10-17:30	Outline: Action plan 2021 of the Prolamin Working Group <i>Peter Koehler</i>
17:30	<i>End of PWG meeting</i>