



## Working Group - Report for Gastroenterology Committee Strategy Day

Working Group Title: **Basic Science and Translational Research**

(date of completion 30.07.2022; Marco Gasparetto, Caterina Strisciuglio)

### Working Group Members and Mandates

Name	Date of entry	1 <sup>st</sup> Term	2 <sup>nd</sup> Term	Positions held within WG (e.g. Secretary treasurer etc.)	Dates held of these positions
Marco Gasparetto	2014			Chair	2020-present
				Co-Chair	2018-2020
				Member	2014-2018
Caterina Strisciuglio	2015			Co-Chair	2020-present
				Member	2015
Andreas Jenke	2013			Chair	2018-2020
				Co-Chair	2015-2018
				Member	2013-2015
Matthias Zilbauer	2013			Chair	2013-2018
				Founding Member	2013
Balint Tel	2018			Member	2018
Federica Giachero	2018			Member	2018
Jan Nowak	2018			Member	2018
Philip Robinson	2020			Member	2020
Kostantinos Gerasmidis	2020			Member	2020
Anastasia Konidari	2022			Member	2022
James Ashton	2022			Member	2022
Henry Taylor	2022			Has applied for ESPGHAN Membership	2022

Sara Lega	2022			Member	2022
Amit Assa	2020			GIC Representative and Member	2020



## Summary of Activities in 2022

### A. WG meetings (date and any main points/activities)

(one table per meeting – please just copy and paste the tables as often as needed)

<b>Meeting</b>	2 monthly joint meetings with selected members of the ESPGHAN AHP and the ESPGHAN IBD Porto WG re: realization of a Societal Paper on Precision Nutrition in Paediatric IBD
<b>Location</b>	Virtual (Zoom)
<b>Date</b>	10/02/2022 – 16/03/2022 – 28/04/2022 – 09/06/2022 – 30/08/2022 h 17:00 – 18:00
<b>Main Points / Activities</b>	<ul style="list-style-type: none"> <li>• Identification of 4 sub-groups and leaders covering 4 topics within the project: epidemiology, EEN, specialist diets and probiotics / prebiotics</li> <li>• Structured literature review</li> <li>• Literature screening by title/abstract</li> <li>• Data extraction of the selected papers</li> <li>• Writing of the paper main sections</li> </ul>

<b>Meeting</b>	Meeting re: launch of an ESPGHAN fellowship on data science / data analysis in paediatric GHAN
<b>Location</b>	Virtual (Zoom)
<b>Date</b>	09/05/2022 09:30 – 10:30
<b>Main Points / Activities</b>	<ul style="list-style-type: none"> <li>• Agreement on the content of the fellowship including both virtual teaching and face-to-face sessions with bio-informatitians and biostatisticians;</li> <li>• Agreement on using one of the ESPGHAN Education Grants to be specifically dedicated to this initiative;</li> <li>• Agreement on opening the initiative to a max of 2 successful candidates (applications to be assessed by the SIG members involved led by Philip Robinson);</li> <li>• Identification of a list of centres that would host the candidate(s) for a limited time to provide hands-on training on data analysis;</li> <li>• Application for this project has been submitted to the ESPGHAN GIC for evaluation on their next meeting.</li> </ul>

<b>Meeting</b>	Annual Special Interest Group Meeting pre ESPGHAN Congress 2022 (Bella Centre, Copenhagen)
<b>Location</b>	Hybrid: Bella Centre – Copenhagen (11 participants) + Virtual (Zoom) (2 participants)
<b>Date</b>	22/06/2022 11:30 – 13:00
<b>Main Points / Activities</b>	<p>Summary of the main activities undertaken in 2022 and discussion of new projects for 2023:</p> <ul style="list-style-type: none"> <li>• Updates on the project on precision nutrition in paediatric IBD (ongoing);</li> <li>• Updates on a project led by Philip Robinson aimed to provide teaching and training on data science and data analysis through ESPGHAN (application submitted and being evaluated by the GIC);</li> <li>• Discussion about a new project on a score to reflect IBD course severity (led by Matt Zilbauer, Bálint Tél and Federica Giachero);</li> <li>• Discussion about a Summer or Winter School on Basic Science and Translational Research to be held in 2023 or 2024 (to be led by Caterina Strisciuglio).</li> </ul>



<b>Meeting</b>	Meeting on organizing an ESPGHAN Winter School on basic and translational research in 2023 or 2024
<b>Location</b>	Virtual (Zoom)
<b>Date</b>	07/07/2022 16:00 – 17:00
<b>Main Points / Activities</b>	<ul style="list-style-type: none"> <li>• Discussion about the best time / year for a school organized by our SIG;</li> <li>• Caterina Strisciuglio keen to lead on the event organization. Marco Gasparetto and Philip Robinson will support;</li> <li>• Preliminary program drafted and discussed;</li> <li>• Preliminary budget drafted discussed;</li> <li>• Formal application has been sent to the ESPGHAN Office to meet the 12/09 deadline aiming for the event to take place in 2024 at the latest.</li> </ul>

## B. Educational activities

### (i) Educational Events

(one table per event – please just copy and paste the tables as often as needed)

**none in 2022 (The Summer School initially planned in 2020 was postponed twice and eventually cancelled due to the Covid pandemic). We have applied for a new Winter event in 2024.**

### (ii) E-Learning

(one table per project – please just copy and paste the tables as often as needed)

**none in 2022**

## C. WG Publications / Guidelines / Position Papers

### (i) Completed

(one table per publication – please just copy and paste the tables as often as needed)

<b>Publication ID</b> <i>(to be filled in by Office)</i>	DOI: 10.1097/MPG.0000000000003340; PMID 34724450.	
<b>Full Publication Title</b>	Training Opportunities in Data Science Are Welcome in ESPGHAN: A Survey on Behalf of the Special Interest Group for Basic Science and Translational Research	
<b>Authors</b>	Robinson PS, Gasparetto M, Nowak J, Tél B, Strisciuglio C.	
<b>Publication Type</b>	<input type="checkbox"/> Letter to the Editor	
<b>Journal, Year, Volume, Page Numbers</b>	J Pediatr Gastroenterol Nutr 2022	
<b>More information if available</b>		

**1 Position Paper on Precision Nutrition in progress; one Position paper was published in 2021 (doi: 10.1097/MPG.0000000000003250; details in last year's report).**



(ii) **in progress**

(one table per publication – please just copy and paste the tables as often as needed)

<b>Publication ID</b> <i>(to be filled in by Office)</i>	
<b>Full Publication Title</b>	Precision Nutrition in the Management of Paediatric Inflammatory Bowel Disease - A Joint Position Paper from the ESPGHAN Special Interest Group for Basic and Translational Research, the Porto IBD Group, and the ESPGHAN Allied Health Professionals
<b>Publication Timeline and Status of Paper</b>	Draft being written – aiming for submission to JPGN by October 2022 and publication by end of December 2022
<b>Publication Leader</b>	
<b>Publication Type</b>	<input type="checkbox"/> Guideline <input checked="" type="checkbox"/> <b>Position Paper</b> <input type="checkbox"/> Update of existing paper <input type="checkbox"/> Other
<b>More information if available</b>	

(iii) **future topics considered in 2023**

(one table per publication – please just copy and paste the tables as often as needed)

**Topics are currently being discussed by the SIG members. A possible area might be Artificial Intelligence in paediatric gastroenterology, hepatology and nutrition.**

**D. Financial Report / Budget for 20XX: Will be added by EPGHAN Office**

<b>All in Euros</b>	<b>Allocated</b>	<b>Used so far</b>
<b>Expenses</b>	<b>Will be added by EPGHAN Office</b>	<b>Will be added by EPGHAN Office</b>
Activity 1		
Activity 2		
Activity 3		
Activity 4		
Activity 5		
Activity 6		
Activity 7		
Activity 8		
<b>TOTAL Expenses 20XX</b>		
<b>Income</b>	<b>Please also add funding from other sources if applicable</b>	
Activity 1		
Activity 2		
Activity 3		
Activity 4		
Activity 5		
<b>TOTAL Income 201XX</b>		

**Additional comments on financial report:**



## Outlook on Planned Activity for 2023

### A. Working Group meetings (date and any main points/activities)

(one table per meeting – please just copy and paste the tables as often as needed)

<b>Meeting</b>	ESPGHAN 55 <sup>th</sup> Annual Meeting
<b>Location</b>	Vienna, Austria
<b>Date</b>	Wednesday 17/05/2023
<b>Main Points / Activities</b>	A face-to-face group meeting on the occasion of the Annual ESPGHAN Meeting.  Updates on current activities (including ESPGHAN data science fellowship) and planning of future activities (including ESPGHAN Winter School for Basic Science and Translational Research).

We would appreciate using the group's annual budget to organize an additional face-to-face meeting in 2023/2024 to allow attendance of 10 group members.

### B. Proposed Educational activities

#### (i) Educational Events

(one table per event – please just copy and paste the tables as often as needed)

<b>Full Event Name</b>	ESPGHAN Winter School on basic and translational research	
<b>Location</b>	Naples, Italy	
<b>Date</b>	3 – 5/11/2024	
<b>Organizer</b>	Caterina Strisciuglio	
<b>Applied for EPP</b>	<input type="checkbox"/> <u>Yes</u>	<input type="checkbox"/> No
<b>Applied for UEG Training Support</b>	<input type="checkbox"/> Yes	<input type="checkbox"/> <u>No</u>
<b>more information if available</b>	Preliminary program and budget sent to ESPGHAN Office on Monday 25/07/2022.	

<b>Full Event Name</b>	ESPGHAN Data Science Fellowship	
<b>Location</b>	Identified centres offering facilities for data analysis – bioinformatics - biostatistics	
<b>Date</b>	Launch in 2023	
<b>Organizer</b>	Philip Robinson	
<b>Applied for EPP</b>	<input type="checkbox"/> Yes	<input type="checkbox"/> <u>No</u>
<b>Applied for UEG Training Support</b>	<input type="checkbox"/> Yes	<input type="checkbox"/> <u>No</u>
<b>more information if available</b>	Preliminary program submitted to the ESPGHAN GIC in April 2022 – approval awaited	

#### (ii) E-Learning

(one table per project – please just copy and paste the tables as often as needed)

None planned

### C. Proposed Publications / Guidelines / Position Papers

(one table per publication – please just copy and paste the tables as often as needed)



<b>Full Publication Title</b>	Precision Nutrition in the Management of Paediatric Inflammatory Bowel Disease - A Joint Position Paper from the ESPGHAN Special Interest Group for Basic and Translational Research, the Porto IBD Group, and the ESPGHAN Allied Health Professionals			
<b>Publication Timeline and Status of Application of Paper</b>	Application approved by ESPGHAN GIC – Publication estimated Dec 2022			
<b>Publication Leader</b>				
<b>Publication Type</b>	<input type="checkbox"/> Guideline	<input checked="" type="checkbox"/> <b>Position Paper</b>	<input type="checkbox"/> Update of existing paper	<input type="checkbox"/> Other
<b>More information if available</b>	Application approved by ESPGHAN GIC in Jan 2022.			

#### D. Financial Report / Budget for 2023:

- **Kindly attach or copy paste your submitted budget request for 2023**
  - Similarly to last year, we would like to apply for £ 6,000, which would allow ten group members to participate in a face-to-face SIG meeting (Covid-19 permitting) in addition to the one held at the Annual Meeting. This is activity is important, alongside other virtual meetings, to organize activities and to achieve further progress within our working group.
  - *Breakdown of requested support (travel and accommodation for max10 working group members):*

- Travel:	350 Euros x 10	3500 Euros
- Accommodation:	150 Euros x 10	1500 Euros
- Venue hire + catering:		1000 Euros
-		=====
- <b>Total</b>		<b>6000 Euros</b>

  - **Additional comments on financial report:**
- We also hope that any unspent-unused part of the budget available from the current year or previous years, can be used to support activities offered by the group, e.g. the ESPGHAN Fellowship on Data Science that we aim to launch in 2023.

#### E. Any other issues that may be of interest

