



# GMP

## Groupe de Métabolisme et Pharmacocinétique

| July 2022 |



### The editorial



Dear colleagues, dear members of the GMP,

With the worst of the covid period at our back and after two years of virtual F2F due to the pandemic, the GMP board was finally able to meet in presence on June the 3<sup>rd</sup> of June in Montpellier and to approve the objectives for the next 12 months. We are quite excited to move forward in the ambitious program the GMP has planned for the period 2022/23, with the most important 2022 event being of course the joint congress co-organized in partnership with the colleagues of the DMDG and the SPS associations which will be indeed held in October 2022 in Amsterdam.

The scientific program the joint scientific committee is putting in place seems outstanding. I let you discover more about it in the dedicated section of this newsletter.

A big thanks is no doubt owed to the many sponsors that are sustaining the event with their donations. We are honestly surprised by the interest this event has generated and the positive feedback already received both from our historic sponsors and from the additional companies willing to contribute to the success of our scientific event.

Two additional workshops are being organized this year. The first one was held on July 6<sup>th</sup> at Espaces Diderot (Paris) in collaboration with SOLVO, Cyprotex and Simulations Plus, covering integrated in silico/in vitro QSP approaches to Drug Induced Liver Injury (DILI) prediction. The second workshop will be on December 8<sup>th</sup> and 9<sup>th</sup> in Marseille and will focus on PBPK. This event, co-organized with the heads of Master 2 in pharmacokinetics and Phinc, is still under development, but some detailed anticipations may be already shared with you in the dedicated section of this newsletter.

Another important event for 2022/23 is the complete renewal of the GMP website!!! Indeed, not just its appearance was a bit outdated, but also the engine managing the services provided to our adherents via the web required important updates and it was too limited for the other purposes the GMP board would like to implement in the next future. In particular, we are aiming at facilitating access to our events and to additional initiatives/contents including collaborations and partnerships with other academic organizations and additional services dedicated to adherents and to students. Please find more details in the dedicated section of the newsletter.

In occasion of this ambitious rethinking of the quality and quantity of the contents proposed by the GMP on the website, the GMP board has decided to fully dedicate one of its members to the direct management of our website. This year the role will be on the shoulders of Madani Rachid to whom I say thanks for his time and commitment, on behalf of the entire association.

A huge thanks goes necessarily to Eric Helmer who has supported the GMP by uploading and updating all the contents available so far on the actual website, for a few years that nobody but him probably knows! So, my cheers as actual GMP president join the appreciation, I am sure, of all the others that have previously covered this role at the GMP board. Thanks again Eric!!!

I conclude my editorial with the wish to meet you soon in Amsterdam, I am sure the joint event will be a positive surprise for all of you. Take care.

### ANNUAL BOARD MEETING in Montpellier on 3 June 2022

GMP Board members (except 2 of us) were able to have a F2F meeting on 3 June 2022 after 2 years of virtual meeting for the Board members!!

The contracts with the vendors have been reviewed to optimize some of them. The possibility of an extraordinary general assembly in 2023 to modify the GMP statutes and introduce the option of virtual general assembly was discussed

The board worked on the scientific program and the congress 2023 (location, date and new initiatives,...). We keep you posted !

During the Amsterdam congress, the GMP will organize its general assembly on Tuesday, 4<sup>th</sup> of October, at noon, to present the ongoing activities as well as the objectives for next year and particularly the election on next year board.



Massimiliano Fonsi (The GMP President)

# 2022 DMDG/GMP/SPS Congress



As mentioned in our previous newsletter, the GMP is joining forces with the DMDG (drug metabolism discussion group) and the SPS (the Swedish Academy of Pharmaceutical Sciences) to organize a congress at the conference center of the **Hotel Mövenpick in Amsterdam, Netherlands** from **October 3rd to 5th 2022**.



The scientific committee, made up of members of each association, has concocted a fantastic program for you on themes that you have voted for during our last survey, such as new therapeutic modalities, new artificial intelligence tools, modelling but also drug-drug interactions as well as new developments in terms of regulations.

In addition, a debate will be organized by the DMDG around a subject that will be communicated to you very soon..

You will also be offered a **“candle light lecture”** with an eminent speaker.



Do not miss the **gala dinner** which will take place on Tuesday evening with a boat cruise along the Amsterdam canal.

As in previous years, the GMP has prepared a session dedicated to students to allow them to present their work. In this regard, do not hesitate to send your poster proposals (students and non-students) to [info@dmdg.org](mailto:info@dmdg.org) before Friday, September 16.

10 free congress registration places (Hotel non-included) are left !! Hurry up!!

For more information on this great event and the program, please consult our website at the following address <https://gmp.asso.fr/les-journees/>

[Registration direct link](#)

## Les Sponsors

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## « Transporter » Workshop

With great applause from good participation, GMP conducted its one-day workshop on "Transporter mediated toxicity prediction with integrated in-vitro/in-silico approach using DILIsym" jointly presented by **Solvo Biotechnology**, **Cyprotex**, and **Simulations Plus** on the 6<sup>th</sup> of July 2022 at Espaces Diderot, Paris.



We were proud to have speakers from USA, Hungary, and UK. The theme of the workshop was "how in vitro and in silico methods can combine to understand liver toxicity based on liver transporter"?

**Solvo biotech** provides deep insight into the Introduction of Transporter assays for testing BSEP, MRP3-4, NTCP, and MDR3, and how to obtain *in vitro* data for *in silico* modeling. Speaker from **Cyprotex** explained about utilizing *in vitro* mechanistic assays in DILI risk assessment. Later, the speaker from **Simulations Plus** provided a demo about how these in vitro data can be integrated with QSP modeling by DILIsym and quantitative analysis of mechanisms in DILIsym.

A total of 11 people participated in the workshop from diverse backgrounds such as in vitro experimental scientists, the Pharma industry, and Contract Research Organization (CRO). We received very positive feedback from the participants where they liked the content of the workshop and greetings with the words "excellent presentations, high quality, very impactful. The presenters were also excellent". These feedbacks encouraged us to do more workshops in this domain.

On April 8, the GMP has organized its second student webinar devoted to the pharmacokinetic professions.



Through 5 talks of 15 minutes each, 5 professionals allowed participants to discover different professions in the pharmaceutical industry, in health agency (Anses), and at the university:

- Pharmacokinetics and pharmacology in clinical development (I. Deprez, Certara)
- Pharmacokinetic(/pharmacodynamic) modeling in clinical development (N. Djebli, Roche)
- Far from the lab, close to science: science communication professions in the pharmaceutical industry (N. Szili, Solvo)
- The profession of pharmacologue expert at l'Anses-ANMV (AM. Jacques, ANSES)
- Pharmacokinetic modeling at the university: training and careers (F. Gattacceca, Aix-Marseille Université)

At the end of the presentations, students had the opportunity for 20 minutes to ask questions to stakeholders via the chat, in particular on the different modeling approaches, the career developments, and training and PhD. It was the place for a nice exchange.

This webinar turned out to be a real success with over 60 participants, both students (Master 1 & 2, PhD students / 88% from Pharmacy, 12% from science faculties) and teachers. We received a lot of very positive feedback about this webinar, and we are very happy that it was able to meet expectations (88% of survey responders found it very useful). Preclinical pharmacokinetic development and pharmacometrics are topics that participants would like to develop at an upcoming event).

If you would like to replay the webinar, go to [Webinaire étudiant du GMP](#) (in French only). The presentations are available on the GMP website (accessible to members up to date with their subscription).

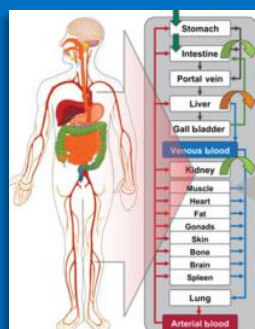
Thank you to all participants for their active contributions. We also especially thank the speakers **Isabelle**, **Nassim**, **Noémi**, **Anne-Marie** and **Florence**.

See you for a next student session!

## Futur Event

### Organization of a workshop PBPK in Marseille on December 8-9, 2022

On the initiative of the Society Phinc and thank to their participation, this workshop will welcome industry people and students of the French master 2 in pharmacokinetics willing to get advanced knowledge and to practice in PBPK.



During the first day (also available in visio for the students who could not move), several talks will be given in the preclinical (**Donato Teutonico**, Sanofi), clinical (**Letizia Carrara**, Servier and **Marc Codaccioni**, Certara) et toxicological fields (**Pierre-André Billat** or **Céline Brochot**, Ineris).

The 2<sup>nd</sup> day will be dedicated to building and use of PBPK models under the supervision of two animators, **Jérémy Perrier** (Phinc) and **Florence Gattacceca** (Université Aix-Marseille).

It is after an infallible management of our website that our dear webmaster Eric Elmer gives us back his keyboard and mouse.

Eric participated in making the GMP what it is today, indeed, without him, no website or update of the latter but also, no mailing list !



Thus, the **entire GMP team** would like to **thank Eric from the bottom of their hearts** for his dedication to the GMP.

Before his departure, Eric also participated in a last innovation within the GMP by being of invaluable assistance in the creation of the new GMP site.

With a more recent architecture as well as a modern and elegant design, the **GMP site has had a facelift !** On the menu of novelties, a more readable and interactive interface, easier payments as well as a tab dedicated to the GEPK (Group of Teachers in Pharmacokinetics) in order to support students in their university journey.

Do not hesitate to come and discover the other novelties of the site from October 2022 !



In order to take charge of the missions related to the management of the website, Madani RACHID has accepted to be the new webmaster of the GMP.



## GMP BOARD: CALL FOR APPLICATIONS

As every year and according to the GMP rules, GMP Board will have **two new members** in October 2022. The GMP President **Massimiliano Fonsi**, and the President of Scientific Committee, **Ashwani Sharma**, will leave the Board after 4 years of active participation and high involvement in the GMP life. It was 4 years with intense work including the first virtual Congress in September/October 2020 and the joined congress with DMDG and SPS in October 2022 in Amsterdam.

GMP is an association rich by its **diversity and pluralism**, especially by the profile of the members and Board. If you wish to actively participate in the life of GMP and bring your dynamism and ideas, we recommend you to apply **for becoming a member of the GMP Board**.

Being a **GMP Board member** includes the following key elements:

- A **personal investment** in the life of the association, bimonthly teleconferences, one face to face working meeting, organization of the congress and webinars, newsletter writing, communication, administrative tasks.
- A **teamwork** with sharing and learning, including some fun
- **Being elected for 4 years**

**To apply** please send a short summary of your career path and professional interests, including your motivation to join the GMP Board, as well as a picture.

Applications should be sent by email to Fabrice Hurbin ([fabrice.hurbin@sanofi.com](mailto:fabrice.hurbin@sanofi.com)) by **9 September 2022 at the latest**. They will be shared online to proceed with electronical vote of the members **between the 14 and 30 September 2022**. The results of the election will be communicated to the members and the composition of the new board will be subjected to vote during the **annual general assembly of the GMP on the 4 October 2022**.

**Do not hesitate to join us!**

Of note, we would like to remind all the GMP members of the importance of the vote for the election of the new members of the board and during the annual general assembly on the 4<sup>th</sup> of October. Do not forget to update your membership registration

Your presence and vote represent great support for us!

We count on you !