

Following the success of the CRS 2021 Virtual Annual Meeting, it is our great pleasure to bring you the latest edition of the Controlled Release Society Focus Group in Nanomedicine and Nanoscale Delivery (CRS FG NND) newsletter. This newsletter brings you the highlights of the Annual Meeting, a message from both the past and the new Chair of the FG, a summary of our latest activities. Do not forget to visit our [webpage](#) and to follow us on our social media!

Highlights of the CRS 2021 Virtual Annual Meeting



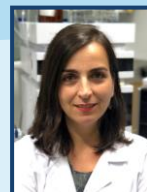
HÉLDER A. SANTOS, University of Helsinki, Finland
Past-Chair of the CRS NND FG

For the second consecutive year, the CRS Annual Meeting was organized virtually, gathering once again a vast audience with +1300 attendees worldwide. The CRS2021 Virtual Annual Meeting was an amazing event, thanks to the fantastic work done by the AMPC, with a number of outstanding presentations, invited speakers, on-demand presentations, e-posters, workshops and Tech forums and more, much more. Once again, even in this current circumstance, the CRS community came together and made a very successful and impactful virtual conference. The interactions within the meeting were hugely improved due to the fantastic online conference platform that offered the possibility for the attendees to interact more with each other. The scientific session organized by our FG was outstanding, with +100 live attendees, which I had the pleasure to co-chair and co-moderate with Dr. María de la Fuente. We had two fantastic invited keynote speakers: from the industry, Dr. Matthieu Germain (Curadigm, France), and from academia, Dr. Giorgia Pastorin (National University Singapore, Singapore). These talks were followed by the awardees' presentations: Dr. Marianna Arteta (AstraZeneca, Sweden) who received the Young Investigator Award, then by Dr. Rita Santos (University of Porto, Portugal), who received the Trainee Award, and by PhD student Giulia Torrieri (University of Helsinki, Finland), who won the e-poster competition of our FG. Our session was completed with two short oral selected presentations given by Dr. Hiroyuki Chaya (University of Tokyo, Japan) and Dr. Chaemin Lim (University of North Carolina at Chapel Hill, USA). I thank all the speakers once again for the fantastic talks and congratulate all the awardees for the very well-deserved awards. This would have not been possible without your great input and efforts.

We also organized the annual meeting with our FG NND members, where I had the pleasure to share all the activities that our FG has done and developed in the past 2 years, and we took the opportunity to hear the feedback from our members and the ideas/suggestions for the future. Thank you all so much for attending our membership meeting and for being so active, we truly enjoyed discussing with all of you and I am sure the new Chair and Board will do the very best to put in practice the suggestions provided in the meeting.

Lastly, as my term and role as Chair of the FG has come to an end now after these 2 years, I could not be prouder and happier of what we have accomplished together as a FG in such a short time. We built a very strong sense of community in Nanomedicine, we initiated a number of activities to engage with our members and the public in general throughout webinars, newsletters, YouTube videos, joint articles about hot topics in the field, feature member articles and competitions to promote our young scientist members and give them the opportunity to also speak at the CRS, as well as initiated joint efforts together with other FG ('Ask the experts' event) and much more. This was only possible with the outstanding support of the FG Board members and I could not be prouder and honored to have worked together with such amazing scientists in the past 2 years, who helped me tirelessly to put together everything we have shared with our members at CRS. I feel very privileged having had the opportunity to work together with you all in this role – it was a truly pleasure working with you all. Thank you so much for everything, for your amazing support, dedication, commitment and time serving the FG NND and the CRS community in general.

It is now time to pass the torch to our incoming Chair, Dr. María de la Fuente, who will take the lead of the FG NND. I am very confident María will continue the amazing work done so far in the FG NND, and with her dedication, commitment, strength and enthusiasm will build-up a new and very strong Board to keep growing and disseminating the field of Nanomedicine and its influence on young scientists and senior researchers, both at the industry and academic levels. I take this opportunity to wish María and the upcoming Board Members of the FG NND all the best wishes and all successes for the future. ■



MARÍA DE LA FUENTE
Health Research Institute of Santiago
de Compostela (IDIS), Spain

A MESSAGE FROM THE NEW CHAIR OF THE NND FG

Dear CRS community and members of the CRS NND FG,

It is a pleasure to take over as the new Chair of the FG. Over the past two years, I have had the opportunity to be involved in the FG alongside Hélder Santos and the other board members. It has been a great and rewarding experience, which has made me aware of the enormous role we have in highlighting the role of nanomedicine in its full magnitude, both for the CRS and for society as a whole. It is time to continue the legacy. To do this, I would like to have an engaged board, where all sectors, and all researchers, at all career stages, are well represented. I believe that diversity is the key, and we need to be sensitive to the different motivations of all members of the CRS and of this FG. I encourage all of you to apply, and especially the younger ones for the trainees' representative positions (predoc and postdoc). The FG needs your input. At the last meeting, many different ideas were shared, and now we need to translate these ideas into action. Join us! Let's work together! ■

María de la Fuente

#CRS2021



1,300+
ATTENDEES



NUMEROUS
AWARDS
PRESENTED



≈ 700
POSTER SESSIONS
& ON-DEMAND TALKS



75 INVITED SPEAKERS
150+ PRESENTATIONS
25 LIVE TECH SESSIONS



8 WORKSHOPS
16 TECH FORUMS
EXHIBIT HALL

FG NND Scientific Session in "pictures"



Prof. Hélder A. Santos and Dr. Maria de la Fuente
Moderators



Dr. Matthieu Germain
Keynote Speaker



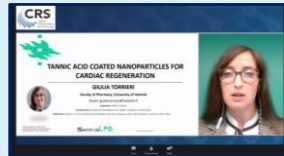
Prof. Giorgia Pastorin
Keynote Speaker



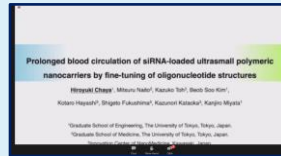
Dr. Marianna Y. Arteta
Young Investigator Award



Dr. Rita Santos
Trainee Award



Giulia Torrieri
e-Poster competition award



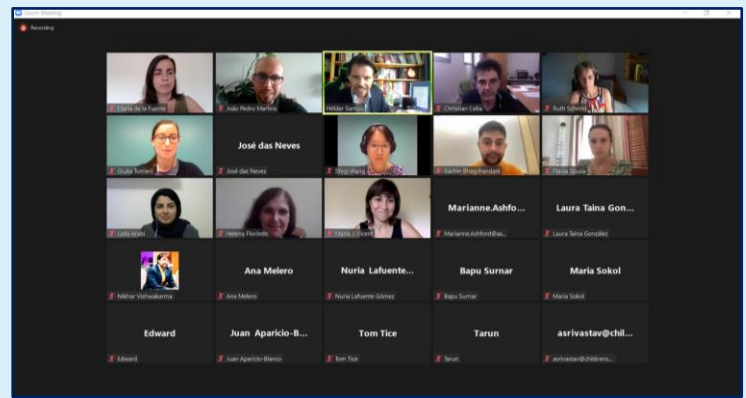
Hiroyuki Chaya
Selected talk



Dr. Chaemin Lim
Selected talk



Leadership Meeting



YOUNG INVESTIGATOR AWARD OF THE CRS

Prof. Hélder A. Santos, out-going chair of the FG NND, was awarded with the CRS Young Investigator Award. His contribution to the field of nanomedicine is undeniable and this award is a recognition of his dedication and commitment towards science and the CRS. During the Annual Meeting, Prof. Santos gave a talk entitled "Biohybrid nanomaterials for biomedical applications". Join us in congratulating Prof. Santos for winning this prestigious award. ■



e-Poster competition

Earlier this year, our FG organized, for the first time, an e-Poster competition. Graduate and post graduate students were asked to submit a high-quality e-poster with their best research on nanomedicine. The posters were firstly scored according to the methodology, results, main conclusions, presentation, importance and originality of the research. On a second stage, the applicants were asked to present a 3 min pitch about their research and to effectively answer to questions raised by the FG NND board members. Yuxue Cao (University of Queensland, Australia) won the third prize, and Yu Wu (Queen's University Belfast, UK) won the second prize. Giulia Torrieri (University of Helsinki, Finland) was the winner of the competition and, beyond the prize money, Torrieri got the chance to present her research entitled "Tannic acid coated nanoparticles for cardiac regeneration" at CRS 2021. A big thanks to all the students for participating in this activity, for their excellent presentations and vibrant discussions. ■

Winner of the e-Poster competition
GIULIA TORRIERI
University of Helsinki, Finland



FEATURED ARTICLES

The 'Member Feature Articles' are part of an initiative from our board to promote the members of the FG NND.

We would like to thank all the members that volunteered to participate in this year's edition. All articles are now available on our webpage. Find more about our members and their views on nanomedicine here: [1st Edition](#); [2nd Edition](#). ■



This publication reflects only the views of the CRS FG NND board. We welcome contributions from members of our focus group community. Copyright © 2021 CRS FG NND

CRS 2022 Annual Meeting

The gavel has been passed, and it is time to look ahead. We are deeply grateful to Prof. Yvonne Perrie & committees for the work done during the past year, and we welcome Prof. Ben Boyd as the new president of the CRS. We also welcome Dr. Clare Hoskins as the new Chair of the Annual Meeting Programming Committee, and we quote, "We are coming back together!". See you at the CRS 2022 in Montréal, Canada, from July 11-15! Mark your calendars! ■



CRS2022

Montréal,
Canada
July 11-15



JOIN OUR BOARD AND MAKE A DIFFERENCE!

Available positions

- Vice-chair
- Secretary Treasurer
- Communication Chair
- Industry Representative
- Academic Representative
- Trainee Representative (Postdoc)
- Trainee Representative (Graduate)

Eligibility

- Be member of the CRS
- Apply for 1 position only

Submissions

Positions are for 2-year terms and all nomination packages must include:

- A brief statement (max. 1 A4) as to why you want to join the board (indicate the position
- you are interested in), your related experience for the respective position,
- and how you plan to serve the FG and CRS (e.g., vision statement)
- A copy of your most recent CV (max. 2 pages)
- All nomination packages are to be sent to helder.santos@helsinki.fi in a single PDF file

Deadline

- August 13, 2021



Upcoming Meetings

September 7-9, 2021

Nanomed Europe 2021

Olma Messen St. Gallen, Switzerland

[MORE INFO](#)

October 13, 2021

UKICRS Annual Symposium

Virtual

[MORE INFO](#)

January 27-28, 2022

XIVth Spanish-Portuguese Conference on controlled Drug Delivery 2022

Tenerife, Spain

[MORE INFO](#)

May 2-4, 2022

CLINAM SUMMIT 2022

Virtual

[MORE INFO](#)

July 11-15, 2022

CRS 2022 Virtual Annual Meeting

Montreal, Canada

[MORE INFO COMING SOON](#)

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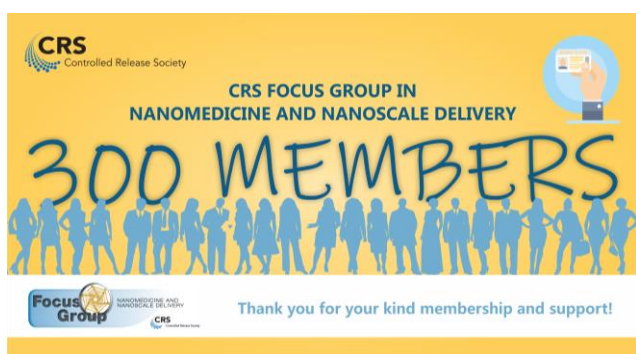
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Thank you for following us!

2500 FOLLOWERS

The board of the CRS FG NND is committed towards excellence and driven by a solid will of making a difference in the field of nanomedicine! If there is anything you would like to address to us, or if there is anything we can do for you, please, do not hesitate in contacting us! ■



#CRSNANO