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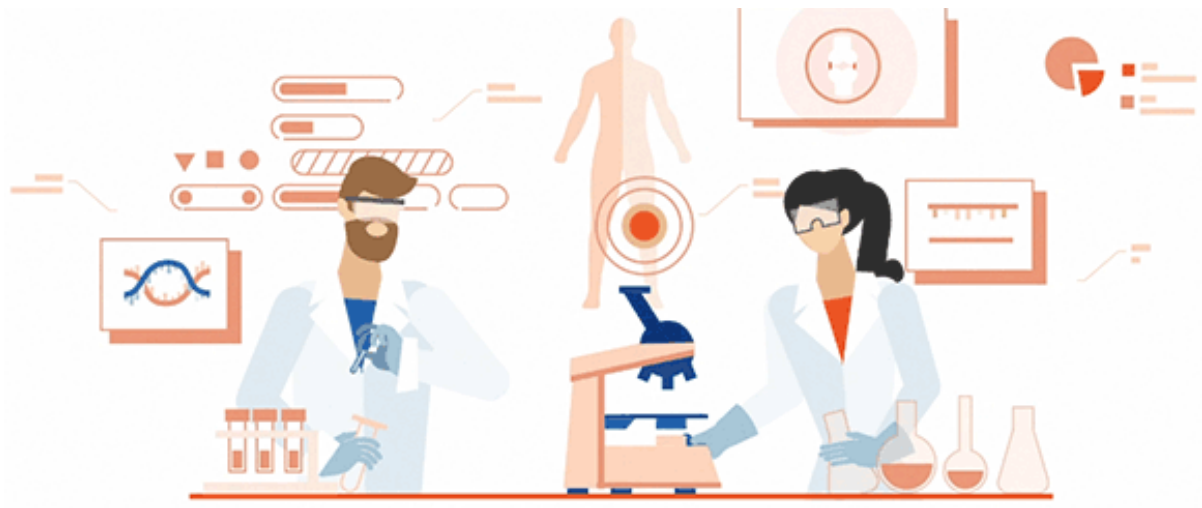
Newsletter Issue #2



Welcome...

... to the **2nd issue of our annual SINPAIN newsletter**. We had quite an eventful time since our first issue 12 months ago. We published a video clip explaining SINPAIN's goals and motivation, went to conferences and meetings, held workshops, invested in collaborations with other projects and initiatives and so much more. **Enjoy the recap!**

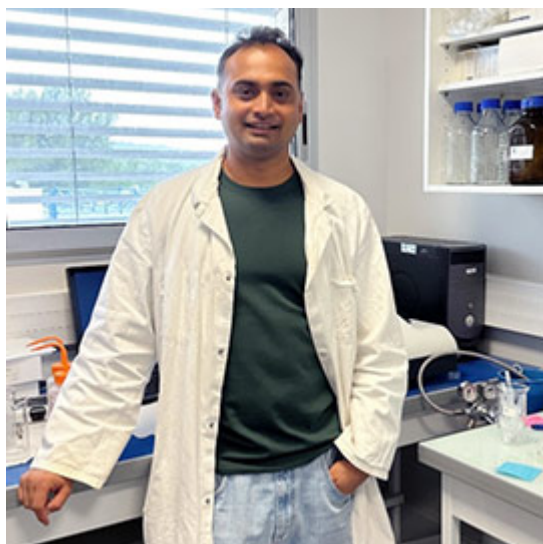
SINPAIN video illustrating the future of new oestoarthritis treatment



The production of the animated clip for SINPAIN marked a milestone in the project's communication activities. The clip provides a comprehensive overview of the novel techniques and methodologies being developed in the project.

[Watch the video](#)

Meet the team – Interview series with young researchers





Our interview series, in which we give SINPAIN researchers who are just starting their career the opportunity to tell us about their tasks in the project and share their experiences, has continued.

Please meet **Francesca Angelone** who is analysing medical images at Reykjavik University, **Dinesh Dhumal** who brings in a company perspective with working at OZ Biosciences, **Huan Meng** who works as a Post Doc at AO Research Institute in Davos and contributes to developing 3D models, and **Davide Raineri** who is a research fellow at Università degli Studi del Piemonte Orientale and investigates how the immune system contributes to osteoarthritis.

[Read the full interviews](#)

SINPAIN consortium meetings



As a consortium, we foster active collaboration by meeting in person on a biannual basis.

The meetings are used not only to share and discuss the advances of the partners' activities in the past but also plan ahead for future work.

Find the reports about our meetings on the website.

[Barcelona](#)

[Reykjavik](#)

SINPAIN engaging with the community

Joint FLAMIN-GO and SINPAIN workshop

On 4 June 2024, approx. 80 participants from the SINPAIN and FLAMIN-GO projects gathered for an internal workshop to discuss the challenges and experiences of working with human biopsies, i.e. cartilage and synovial tissues.



Cluster workshop

As announced in the previous newsletter, the cluster workshop, bringing together experts from [cmRNAbone](#), SINPAIN, [SBR](#), [FORCE REPAIR](#), [OSTEOproSPINE](#) and [HEALIKICK](#), took place alongside ESB 2023. By forming new bonds and collaborations with other related projects in the field of biomaterials, those projects set out to maximise impact and drive innovation.



Cluster workshop

Collaboration with OAFI



By inviting representatives of the [International Osteoarthritis Foundation \(OAFI\)](#), to the consortium meeting in Barcelona in November 2023, SINPAIN kicked off a new and fruitful cooperation. OAFI is promoting the prevention and treatment of musculoskeletal diseases and is exclusively dedicated to people with osteoarthritis.

This first encounter was followed by an interview with the SINPAIN coordinators on the OAFI TV & Radio channel and the participation of SINPAIN at the Articulando el Deporte.

**As a treat for Spanish speakers,
find the interview here:**

OAFI TV & Radio

**More about SINPAIN at
Articulando el Deporte 2024:**

OAFI congress

Events

In the past year, SINPAIN partners had ample opportunity to present SINPAIN results at conferences and engage in networking with the community. We are presenting you with the highlights here.

A Pint of Science

Every year, the global science festival "A Pint of Science" takes place. This year, Angela Moncada from CIDETEC took part and explained to the general public how nanotechnology helps to cure cells.

Find out more about A Pint of Science on our website:



A Pint of Science

OARSI 2024

With a poster presentation, Huan Meng and Zhen Li from OA Research Institute took part in the OARSI World Congress. On location, they met Henning Madry and Magali Cucchiarini from Saarland University who have had strong ties to OARSI for many years.

Find out more about OARSI 2024 on our website:



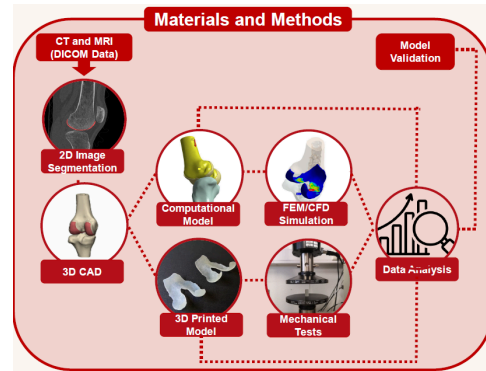
OARSI 2024

MetroXRAINE

The team of Reykjavik University participated in MetroXRAINE, presenting results from their study on developing synthetic 3D printed knee joints to assess mechanical and functional properties of degenerative cartilage.

**Find out more about
MetroXRAINE on our website:**

[MetroXRAINE](#)

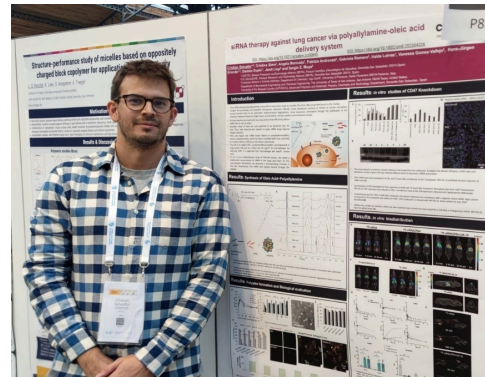


ESGCT lunchtime symposium

In October 2023, we had the great opportunity to participate in the ESGCT lunchtime symposium organised by HaDEA. It offered the opportunity to network with other projects in the field.

**More about the ESGCT symposium
on our website:**

[ESGCT symposium](#)



Cartilage Net Congress 2023

In autumn 2023, Magali Cucchiarini and Henning Madry co-organised the Cartilage Net Congress, an event fostering research and innovation in the Greater Region of Belgium, France, Germany, and Luxembourg.

**More about the Congress on our
website:**

[Cartilage Net Congress](#)



Recognising excellent science



We are very proud to have so many excellent researchers involved in SINPAIN. And we are equally proud that this excellence is also recognised by others.

We therefore congratulate

- **Sibylle Grad** from AO Research Institute for winning the Women's Leadership Form Award
- **Magali Cucchiarini** from Saarland University for being elected as a Member of the Executive Committee of OARSI
- **Henning Madry** from Saarland University for being awarded the Oskar Medicine Prize
- **Cristian Salvador** from CIDETEC for defending his PhD thesis!

Henning Madry

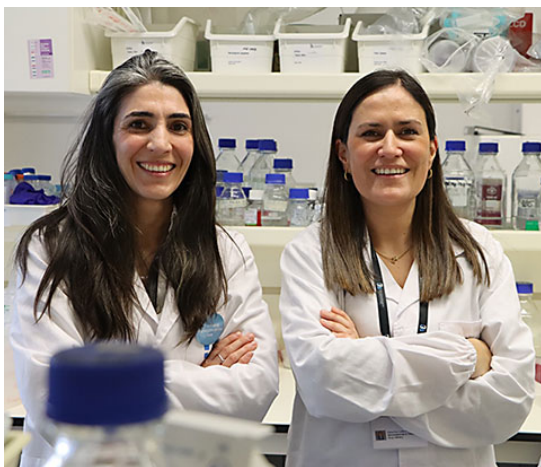
Sibylle Grad and Magali Cucchiarini

Cristian Salvador

Related publications

The first SINPAIN publications are in preparation but have not yet been published. However, there are some recent publications of SINPAIN partners whose research feeds into our project.

Nanoenabled Immunomodulatory Scaffolds for Cartilage Tissue Engineering



During the [RESTORE](#) project (), researchers from i3S gained experience in osteochondral sample collection, primary human chondrocytes isolation, culture, and differentiation. They established conditions for culturing human primary chondrocytes (3D pellets) under inflammatory stimuli to evaluate nanoparticles loaded with anti-inflammatory drugs

[Publication](#)

Policy Paper by EU projects EXPERT and B-SMART



A comprehensive policy paper, released by the consortia of two EU Horizon2020 projects, [B-SMART](#) and [EXPERT](#), delves into the possibilities of RNA-based nanomedicines and calls for increased efforts directed towards RNA research.

The policy paper is available for download here:

[Download Policy Paper](#)

Upcoming

IEEE MetroXRaine

21-23 October 2024, London, UK

[More information](#)

ESGCT 2024

22-25 October 2024, Rome, Italy

[More information](#)

We hope you enjoyed the wild ride with us through the past twelve months.
Follow us on LinkedIn to stay updated. And watch out for the next issue of the newsletter in a year.



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