

Andronet News

Summer 2022

From the Science Communication Coordinator

Dear ANDRONET Members,

It is my pleasure to introduce the first of our quarterly newsletters. This tool is meant as one of the several ways of communication and will secure that updates or important information drop directly into your mailbox. The frequency and content of the newsletters will be evolving in consultation and input from you. In this edition, you will find a report from our first face-to-face meeting in Barcelona, travel grant information and the event calendar. We are also listing a few relevant recent publications from our members. You are all warmly invited to use our communication tools and to inform us about your recent published work or other achievements.



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- ❖ Report from the MC Meeting in Barcelona
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ANDRONET Communication Tools

Websites:

The COST Action website

www.cost.eu/actions/CA20119/

The ANDRONET website

www.andronet.cat/

Other platforms:



Slack - for daily exchange of information across ANDRONET and within Working Groups



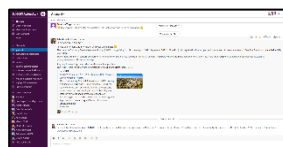
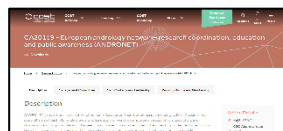
Twitter

twitter.com/AndronetScience



LinkedIn

www.linkedin.com/in/andronet-cost-action-971b23225/



The ANDRONET Meeting in Barcelona

The 1st ANDRONET Meeting, including the annual Management Committee (MC) meeting, was held on 7-10 June 2022 in Barcelona as a hybrid event. The local organizer of the meeting was the Action Chair, Rafael Oliva and his research team (IDIBAPS): Judit Castillo, Meritxell Jodar, Alberto de la Iglesia, Marina Leiva and Gennaro Lettieri. In total 137 members attended, including 44 on-site and 93 joining online. The Administrative Officer from COST assigned to ANDRONET, Katchamon Nimprang, was also present and explained the rules and procedures. The leaders of the Action and the three Working Groups presented summaries of their activities. The core of the meeting was presentation of the numerous research and clinical groups, whose head scientists summarised their profiles and current activities. The delegates had also a nice social networking dinner in the old corrida arena in Barcelona. The meeting was a great opportunity for ANDRONET members to discuss possibilities for collaborative projects. The full programme and abstracts are available on the ANDRONET website.



A collage of pictures from the interactive hybrid sessions:



Travel Grants

The in-person participation at the meeting in Barcelona was smaller than expected, releasing some travel funds, in addition to those initially budgeted for 2022. The MC approved 10 additional grants that will cover travel costs of ANDRONET members from the ITC countries to present posters at the European Congress of Andrology (ECA2022) in Barcelona. The successful recipients will be notified by the Grant Awarding Committee.

Call for short-term scientific missions (STSM)

This COST name defines short exchange visits between research groups, allowing scientists to spend some time (up to 6 months) in an institution or laboratory in another COST Member state. Their aim is to foster collaboration between the research groups, learn new techniques or share valuable datasets. STSMs are Grants providing a contribution for travelling, accommodation and subsistence expenses, implementation of the project, delivery of the report to the COST Action MC and overall effort. Therefore ANDRONET CA20119 COST Action will support though these grants all the above, depending on the 2023 budget, which will be released in late October 2022. If you have plans or questions – contact the Action Chair, Rafael Oliva.

Science Corner

Recent publications from the ANDRONET members

WG1. Biomarkers

Anand-Ivell R, Heng K, Severn K, Antonio L, Bartfai G, Casanueva FF, Huhtaniemi IT, Giwercman A, Maggi M, O'Neill TW, Punab M, Rastrelli G, Slowikowska-Hilczer J, Tournoy J, Vanderschueren D, Wu FCW, Ivell R. Association of age, hormonal, and lifestyle factors with the Leydig cell biomarker INSL3 in aging men from the European Male Aging Study cohort. *Andrology*. 2022 Jun 30. doi: 10.1111/andr.13220. PMID: 35770372.

Davalieva K, Rusevski A, Velkov M, Noveski P, Kubelka-Sabit K, Filipovski V, Plaseski T, Dimovski A, Plaseska-Karanfilska D. Comparative proteomics analysis of human FFPE testicular tissues reveals new candidate biomarkers for distinction among azoospermia types and subtypes. *J Proteomics*. 2022 Jul 29:104686. doi: 10.1016/j.jprot.2022.104686. PMID: 35914715.

WG1. Androgenetics

Riera-Escamilla A, Vockel M, Nagirnaja L, Xavier MJ, Carbonell A, Moreno-Mendoza D, Pybus M, Farnetani G, Rosta V, Cioppi F, Friedrich C, Oud MS, van der Heijden GW, Soave A, Diemer T, Ars E, Sánchez-Curbelo J, Kliesch S, O'Bryan MK, Ruiz-Castañe E; GEMINI Consortium, Azorín F, Veltman JA, Aston KI, Conrad DF, Tüttelmann F, Krausz C. Large-scale analyses of the X chromosome in 2,354 infertile men discover recurrently affected genes associated with spermatogenic failure. *Am J Hum Genet*. 2022 Jul 4:S0002-9297(22)00260-9. PMID: 35809576. doi.org/10.1016/j.ajhg.2022.06.007

Malcher A, Stokowy T, Berman A, Olszewska M, Jedrzejczak P, Sielski D, Nowakowski A, Rozwadowska N, Yatsenko AN, Kurpisz M. Whole genome sequencing identifies new candidate genes for nonobstructive azoospermia. *Andrology* 2022 Aug 25. Epub ahead of print. PMID: 36017582. doi.org/10.1111/andr.13269

Merges GE, Meier J, Schneider S, Kruse A, Fröbuis AC, Kirfel G, Steger K, Arévalo L, Schorle H. Loss of Prm1 leads to defective chromatin protamination, impaired PRM2 processing, reduced sperm motility and subfertility in male mice. *Development* 2022; 149(12):dev200330. PMID: 35608054.

WG3. Male Health Awareness

De Jonge CJ, Gellatly SA, Vazquez-Levin MH, Barratt CLR, Rautakallio-Hokkanen S. Male attitudes towards infertility: Results from a global questionnaire. *W J Mens Health* 2022;40:e56, published Aug 16, 2022. doi.org/10.5534/wjmh.220099

Event Calendar

Von Behring-Röntgen-Symposium 2022

The Epididymis



4-7 September 2022

8th International Workshop on the Epididymis, Giessen, Germany

www.epididymis2022.de

12-14 September 2022

**3rd International Workshop on Klinefelter Syndrome, Trisomy X and XYY
Leiden, The Netherlands**

19-23 September 2022

ANDRONET-EAA Training School in Basic Semen Analysis, Stockholm, Sweden

<https://www.andrologyacademy.net/upcoming-events/eventdetail/40/-/training-school-in-basic-semen-analysis-co-organized-by-andronet-and-the-eaa>

19-21 September 2022

**14th NYRA Meeting (the Network of
Young Researchers in Andrology),
Norwich, UK**

nyra-youngresearch.eu



6-7 October 2022

ESHRE Campus Workshop: "Male Reproductive Health", Budapest, Hungary

Co-organised by Male Reproductive Health Initiative

<https://www.eshre.eu/Education/Calendar-Campus-events/Male-Reproductive-Health>



12-15 October 2022

**The 45th European Symposium on Hormones & Cell Regulation: "Sex and signalling"
Mt Ste Odile, France**

hormones-cell-regulation.eu

19-21 October 2022

12th European Congress of Andrology (ECA2022), Barcelona, Spain

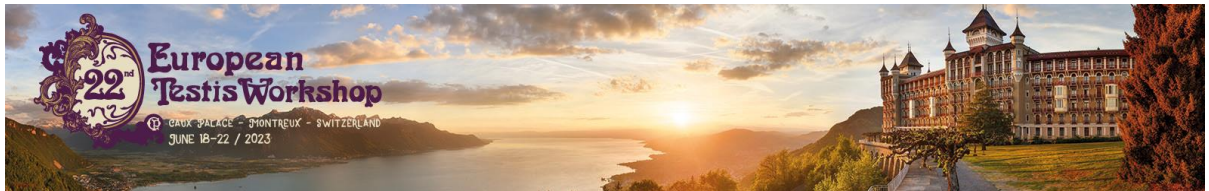
eca2022.com



18-22 June 2023

22nd European Testis Workshop (ETW2023), combined with the NYRA meeting and ANDRONET MC Meeting, Montreux, Switzerland

<https://etw2023.org/index.php/welcome-message/>



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COST (European Cooperation in Science and Technology) is a funding agency for research and innovation networks. Our Actions help connect research initiatives across Europe and enable scientists to grow their ideas by sharing them with their peers. This boosts their research, career and innovation.