

Short bio: Alexandre Ceccaldi, PhD

General Secretary, European Technology Platform on Nanomedicine (ETPN)

Alexandre Ceccaldi is the General Secretary of the European Technology Platform on Nanomedicine (ETPN), Europe's think tank for nanotechnology in healthcare. He coordinates a community of 130+ organizations across 27 countries, fostering collaborations in nanotherapeutics, diagnostics, imaging, and medical devices. He currently leads the HealthTech Translation Advisory Board (TAB), a structured mentoring platform for clinical translation.

He is Work Package leader in the EU projects METRINO (metrology for innovative nanotherapeutics) and NANOSPRESSO (next-generation RNA-LNP manufacturing), and since 2023 has chaired the Strategic Advisory Board of ERA4Health, the EU partnership funding collaborative health research.

His expertise spans anticancer strategies, industrial management, and innovative design, with a strong focus on impactful R&I collaborations and clinical translation of nanomedicine.

Selected Publications

- Germain M, Caputo F, Metcalfe S, Tosi G, Spring K, Åslund AKO, Pottier A, Schiffelers R, Ceccaldi A, Schmid R. *Delivering the power of nanomedicine to patients today*. **Journal of Controlled Release**, 2020; 326:164-171. <https://doi.org/10.1016/j.jconrel.2020.07.018>
- Estapé Senti M, Ceccaldi A, Luciani M, Saber N, Schurmann P, Geerlings MW, Holig P, de Beer J, Hannus M, Campbell F, Winter M, van Hove W, Westerik M, Dorst-Mooiman KD, Dekker J, Fuchs S, Wolbers F, Segers T, IJzerman M, Barriga H, de Bruin ML, Borgos SE, Stevens MM, Cullis P, Schiffelers RM. *NANOSPRESSO: toward personalized, locally produced nucleic acid nanomedicines*. **Frontiers in Science**, 2025; 3:1458636. <https://www.frontiersin.org/journals/science/articles/10.3389/fsci.2025.1458636/full>