Dr. Alessandro Polini, Group Leader at National Research Council, Institute of Nanotechnology (CNR NANOTEC), holds a PhD in Nanotechnology and a Degree in Biotechnologies. He has large experience in biomaterials for tissue engineering, Organ-on-a-chip and LoC systems, acquired in Italy and abroad (Lawrence Berkeley National Lab and Harvard Medical School in US, Radboud University in the Netherlands). He won numerous awards, founded a spin-off company (SM&T S.r.l.), and has been involved in several EU and national projects, covered by national and international media. He authored >40 publications in international scientific journals, conference articles, book chapters and patent applications.