

Dr. Noa Novershtern

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EDUCATION

- 2025- Senior Staff Scientist**, Weizmann Institute of Science, Rehovot, Israel
Hanna Lab for Pluripotent Stem Cell Studies
- 2019-2025 Associate Staff Scientist, Weizmann Institute of Science, Rehovot, Israel
2013-2019 Assistant Staff Scientist, Weizmann Institute of Science, Rehovot, Israel
2011-2013 Postdoctoral Fellow, Weizmann Institute of Science, Rehovot, Israel
2004-2011 PhD in Computer Science & Biology, Hebrew University, Jerusalem, Israel
2006-2008 Visiting Computer Science student, Broad Institute, Cambridge, MA
2005-2006 Visiting Computer Science student, The Wellcome Trust Sanger Institute, Cambridge, UK
2002-2004 M.Sc in Computer Science & Biology, Hebrew University, Jerusalem, Israel
1999-2002 B.Sc in Computer Science & Biology, Hebrew University, Jerusalem, Israel

PRIZES AND AWARDS

- 2021 **Weizmann Institute Scientific Council prize** for outstanding staff scientist
2012 The Helena Rubinstein **Postdoctoral Fellowship** in Biomedical Sciences and Cancer Research
2011 Weizmann Institute Dean of Faculty Fellowship **for outstanding post-doctorate fellows**
2006 **Sivarsten Prize for Research of Pediatric Cancer**
2004-2009 Dalia and Dan Maydan Fellowship
2004-2005 Student Fellowship, Leibniz Center for Research in Computer Science.
2003 Wolf Fellowship for Graduate Students, Hebrew University.

TALKS IN INTERNATIONAL MEETINGS (Selected, last 5 years)

- 2024 "A Human Post-Implantation Embryo Model Derived Solely from Naïve Stem Cells" **Fertility 2024**, Edinburgh, Scotland
2024 "Human Post-implantation Embryo Models from Naïve Stem Cells" **International Day of Women in Science**, Weizmann Institute, Israel
2023 "From Naïve Stem Cells to Ex-Utero Embryo Models" **56th Society for the Study of Reproduction Annual Conference**, Ottawa, Canada
2023 "A Human Post-Implantation Embryo Model Derived Solely from Genetically Unmodified Naïve Pluripotent Cells" **ISSCR International**, Vienna, Austria
2023 "Synthetic Ex Utero Embryogenesis: from Naive Pluripotent Stem Cells to Advanced Whole Embryoids" **FISEB Conference (Ilanit)**, Eilat, Israel

GRANTS

- 2022-2025 MBZUAI-WIS Research project grant
2020-2024 Israel Science Foundation (ISF)- Personal Grant 1220/20
2017-2019 Israel Science Foundation (ISF)- Personal Grant 355/17
2016-2017 Israel Science Foundation (ISF)- INCPM Grant 2291/16
2014-2018 Israel Science Foundation Legacy Biomed Grant 107/14

PATENTS

- 2023 **"Methods of Generating a synthetic embryo"**, Filed by Weizmann Institute of Science, YEDA.
2014 **"Isolated Naïve Pluripotent Stem Cells and Methods of Generating Same"**, Filed by Weizmann Institute of Science, YEDA.
2014 **"Media For Culturing Naïve Pluripotent Stem Cells"**. Filed by Weizmann Institute of Science, YEDA (Provisional)
2014 **RSeT™**, the first defined human naïve pluripotency growth media commercialized by Stem Cell Technologies INC. (Vancouver, Canada)
2004 **"Compositions and methods for diagnosing and treating post traumatic stress disorder"**, filed by The Hebrew University, Yisum.