Cell Symposia

Engineering development and disease in organoids

August 19–21, 2024 — San Diego, CA, USA

Extended abstract submission deadline:

May 31, 2024

Early registration deadline:

June 28, 2024

Organoids are 3D cell culture systems derived from stem cells that recapitulate the cell composition and features of early tissue organization. They can be used to study human development, disease phenotypes and patient-specific cellular responses to therapeutics. The latest technological advances in the organoid field aim to improve the complexity and specificity of these models to more closely mimic a human organ and incorporate bioengineering approaches to help address remaining limitations. In this Cell Symposium, we will bring together scientists from across the disciplines of developmental and cell biology, bioengineering, and clinical translation to discuss exciting opportunities, advances and challenges in the organoid field.

Keynote speakers

Magdalena Zernicka-Goetz, *USA*

James Wells, *USA*

Speakers

Thorsten Boroviak, *UK*
Shuibing Chen, *USA*
Anne Grapin-Botton, *Germany*
Sarah Heilshorn, *USA*
Dan Huh, *USA*
Madeline Lancaster, *UK*
Jennifer Lewis, *USA*
Suet-Yi Leung, *Hong Kong*
Matthias Lutolf, *Switzerland*
Andrew P McMahon, *USA*
Sasha Mendjan, *Austria*
Guo-li Ming, *USA*
Thorold Theunissen, *USA*
Hongmei Wang, *China*
Jun Wu, *USA*

Organizers

Rusty Gage, *Salk Institute, USA*
Magdalena Zernicka-Goetz, *Caltech, USA*
Ivayla Ivanova, Scientific Editor, *Developmental Cell*
Christine Weber, Senior Scientific Editor, *Cell Stem Cell*

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