





Ph.D. Director



Anita Bhattacharyya Yi-Tang Lee Ph.D. Core Manager



Yingnan Yin Service Staff

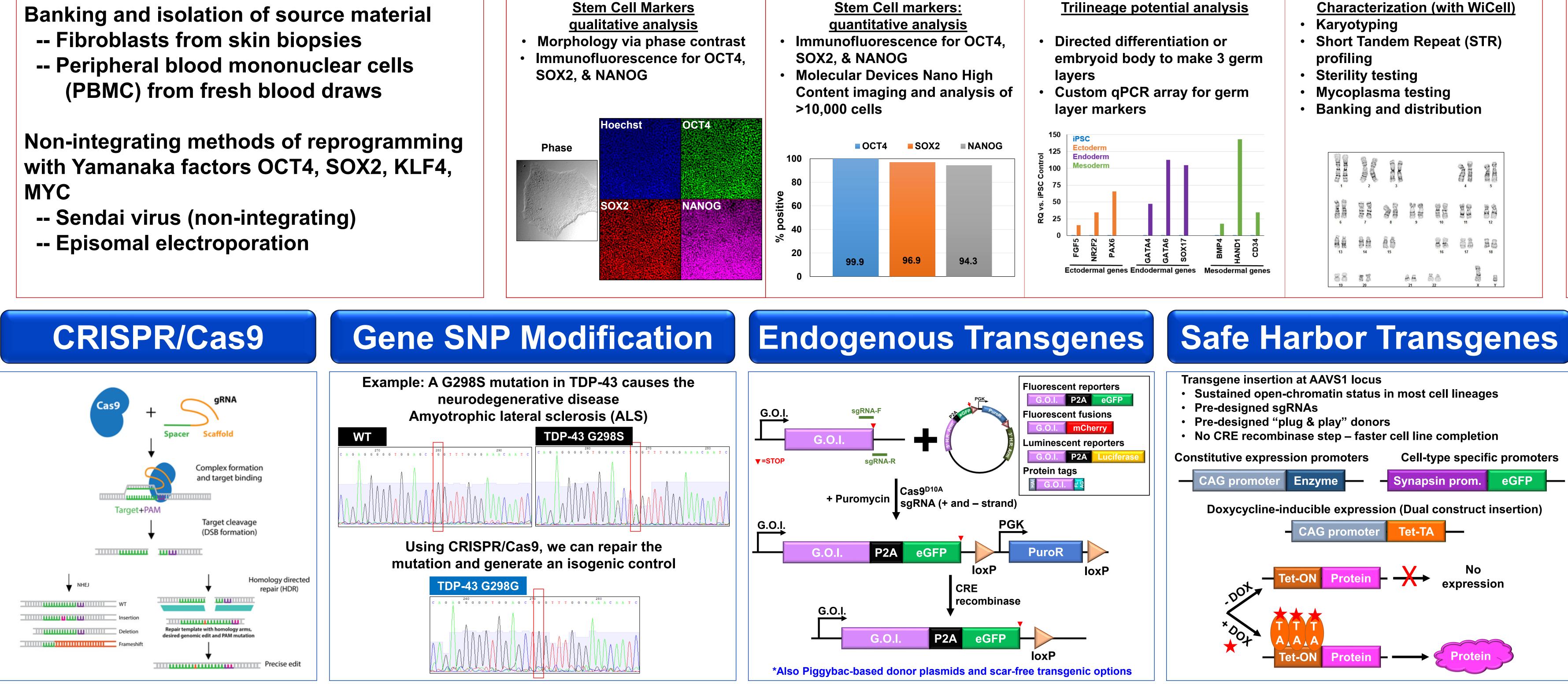


Cheryl Soref Ph.D. Service Staff

iPSC Reprogramming

-- Fibroblasts from skin biopsies

(PBMC) from fresh blood draws



The Human Pluripotent Stem Cell and Gene Editing Service is supported in part by a core grant to the Waisman Center from the National Institute of Child Health and Human Development (P50HD105353)

Human Pluripotent Stem Cell Reprogramming and Gene Editing Service **University of Wisconsin-Madison – Waisman Center**



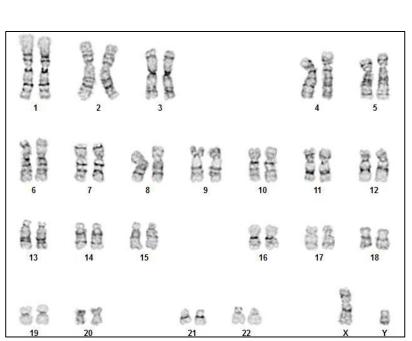
Grace Anders Service Staff

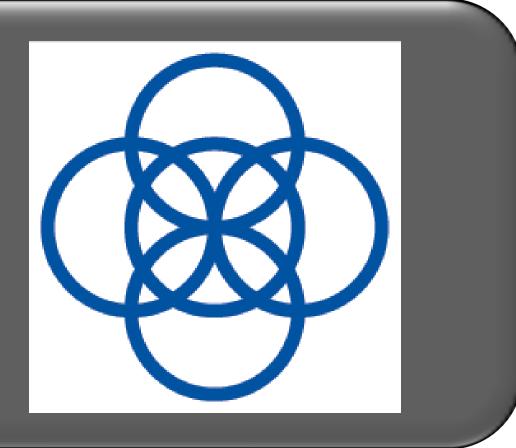
Our service provides reprogramming and gene editing expertise to the UW-Madison human stem cell community. We perform the technical process of producing and editing human PSCs, allowing scientists to focus their time and resources on the actual application of PSCs in their research.

iPSC Characterization

https://www.waisman.wisc.edu/ipsc-services

Trilineage potential analysis





To learn more:

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iPSC Deliverables

- **3 iPSC clones for each starting line**
- Mycoplasma testing of starting material and final cell lines
- Frozen vials of resultant clones
- Qualitative stem cell marker expression
- Quantitative stem cell marker expression via high content screening
- **Optional Trilineage potential**
- Optional WiCell characterization

CRISPR Deliverables

- **CRISPR/Cas9 system design &** preparation
- **≤**3 clones for SNP modifications
- 1 sequenced homozygous and heterozygous for transgenes
- **Off-target analysis at top 5 predicted** loci for each gRNA
- Mycoplasma & karyotype testing
- Multiple vials of each clone
- All documents and sequences for publication