

# OptiPrep™ Reference List RS01

## Purification of nuclei from tissues and cells

- ◆ This **Reference List** provides a complete list of publications reporting the use of OptiPrep™ for the isolation of nuclei: the references are sorted alphabetically into sections according to **cell type or tissue source**. Within each section references are listed alphabetically according to **first author**.
- ◆ Key words in the article titles are **highlighted in light blue**
- ◆ **Application Sheet S10a** provides a practical review of the current OptiPrep™-based methodologies

### Annelids

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### BHK cells

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### Brain cells (human), healthy and disease tissue (see also “Human tissues”)

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- Jessa, S.**, Blanchet-Cohen, A., Krug, B., Vladoiu, M., Coutelier, M., Faury, D., Poreau, B., De Jay, N., Hébert, S., Monlong, J. et al (2019) *Stalled developmental programs at the root of pediatric brain tumors* Nat. Genet., 51, 1702–1713
- Kaesler, G.E.** and Chun, J. (2017) *Flow cytometric and sorting analyses for nuclear DNA content, nucleotide sequencing, and interphase FISH* In Genomic Mosaicism in Neurons and Other Cell Types: Neuromethods, 131, (ed. Frade, J.M. and Gage, F.H.) Springer Science+Business Media, LLC, pp 43-55

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- Brain tissue/spinal cord/neural cells (rodents), healthy and disease sources**
- Caro, P.**, Gómez, J., Arduini, A., González-Sánchez, M., González-García, M., Borrás, C., Viña, J., Puertas, M.J., Sastre, J. and Barja, G. (2010) *Mitochondrial DNA sequences are present inside nuclear DNA in rat tissues and increase with age* Mitochondrion **10**, 479-486
- Cheadle, L.**, Tzeng, C.P., Kalish, B.T., Harmin, D.A., Rivera, S., Ling, E., Nagy, M.A., Hrvatin, S. et al (2018) *Visual experience-dependent expression of Fn14 is required for retinogeniculate refinement* Neuron **99**, 525-539
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### Caenorhabditis elegans

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**Carcinoma cells: see also “Hepatoma cells” and “Human tissues (frozen)”**

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### CHO cells

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### Drosophila melanogaster

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### Endothelial cells

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### Epithelial cells

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### Fibroblasts

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