

**Nancy Kim, MD**

**Hometown:** Baltimore, MD

**Undergrad:** Johns Hopkins University

**Surgical Specialty Interest:** Surgical Critical Care, Surgical Oncology

**Hobbies:** Baking, reading, not getting scratched by my cat, hanging out at The Bun Shop in Mt. Vernon

**Publications:**

Kuschner, C.E.\*, Kim, N\*., Shoaib, M.\*, Choudhary, R.C., Nishikimi, M., Yin, T., Becker, L.B., Hoppel, C.L., Kim, J.. Understanding physiologic phospholipid maintenance in the context of brain mitochondrial phospholipid alterations after cardiac arrest. *Mitochondrion*. (2021).

\* Authors share equal contribution

Shoaib, M., Choudhary, R.C., Choi, J., Kim, N., et al. Plasma metabolomics supports the use of long-duration cardiac arrest rodent model to study human disease by demonstrating similar metabolic alterations. *Scientific Reports* 10, 19707 (2020).

Diaz, J., Abiola, S., Kim, N., Avaritt, O., Flock, D., Yu, J., Northington, F.J., Chavez-Valdez, R. Therapeutic hypothermia provides variable protection against behavioral deficits after neonatal HI: A potential role for BDNF. *Developmental Neuroscience*. 10.1159/000454949. (2017).

**Conferences:**

Shoaib, M. (presenter), Nishikimi, M., Choudhary, RC., Yin, T., Hayashida, K., Miyara, SJ., Kim, N., Becker, LB., and Kim, J. Rethinking the duality of cardiac arrest to include non-oxygen metabolite dysfunction: Plasma lysophosphatidylcholine level maintenance after cardiac arrest is critical for survival. Wolf Creek XV Conference at Weil Institute of Emergency and Critical Care Research at Virginia Commonwealth University, April 10 2021; Virtual conference.

Shoaib, M., Miyara, SJ., Kim, N., Yin, T., Molmenti, EP., Becker, LB., and Choudhary, RC (presenter). Metformin administration after resuscitation potentiates earlier EEG activity and improves survival after rodent cardiac arrest. Wolf Creek XV Conference at Weil Institute of Emergency and Critical Care Research at Virginia Commonwealth University, April 10 2021; Virtual conference.

Shoaib, M. (presenter)\*, Kim, N.\*, Choudhary, RC., Iverson, A., Marashi Shoshtari, SS., Yin, T., Shinozaki, K., Becker, LB., and Kim, J. Increased oxidation of Amplex Red in post-cardiac arrest human and rat plasma can be utilized as a potential marker of injury severity. Resuscitation Science Symposium – American Heart Association, 2019; Philadelphia, PA.

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