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CURRENT POSITION Research Specialist

EDUCATIONAL BACKGROUND

Doctor of Philosophy, Neuroscience 1987-1992
Baylor College of Medicine
Houston, TX

Masters of Science, Life Sciences 1984-1986
J N University
New Delhi, India

Bachelors of Science, Botany 1981-1984
Miranda House, Delhi University
Delhi, India

POSTGRADUATE TRAINING

Research Fellow, Center for Developmental Biology 1999-2005
University of Texas Southwestern Medical Center
Dallas, Texas

Postdoctoral Fellow, Center for Developmental Biology 1994-1999
University of Texas Southwestern Medical Center
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PUBLICATIONS

1. Kirsch GE, Drewe JA, Verma S, Brown AM, Joho RH: Electrophysiological Characterization of a New Member of the RCK Family of Rat Brain K⁺ Channels. FEBS Lett 278:55-60, 1991.
2. Drewe JA, Verma S, Frech G, Joho RH: Distinct Spatial and Temporal Expression of K⁺ Channel mRNAs from Different Subfamilies. J Neurosci 12:538-548, 1992.
3. Verma-Kurvari S, Savage T, Gowan K, Johnson JE: Lineage-specific Regulation of the Neural Differentiation Gene MASH1. Dev Biol 180:605-617, 1996.

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5. Verma-Kurvari S, Border BG, Joho RH: Regional and Cellular Expression Patterns of Four K⁺ Channel mRNAs in the Adult Rat Brain. *Brain Res Mol Brain Res* 46:54-62, 1997.
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7. Nef S, Verma-Kurvari S, Parada LF : *Molecular genetics of Insl3*. In: Tregear GW, Ivell R, Bathgate RA, Wade JD (eds.): Relaxin 2000. Proceedings of the 3rd International Conference on Relaxin & Related Peptides. Kluwer-ESCOM, Dordrecht Press. 2000.
8. Nef S, Verma-Kurvari S, Merenmies J, Vassalli JD, Efstratiadis A, Accili D, Parada LF: Testis Determination Requires Insulin Receptor Family Function in Mice. *Nature* 426:291-295, 2003.
9. Verma-Kurvari S, Parada LF: Identification of Tyrosine Kinases Expressed in the Male Gubernaculum during Development. *Dev Dyn* 230:660-665, 2004.
10. Verma-Kurvari S, Nef S, Parada LF: Hormonal Regulation of Male Reproductive Tract Development. *Annals NY Acad Sci* 1061:1-8, 2005.
11. Bingham N, Verma-Kurvari S, Parada LF, Parker KL: Development of a Steroidogenic Factor 1/Cre Transgenic Mouse Line. *Genesis* 44:419-424, 2006.
12. Sozubir S, Barber T, Wang Y, Ahn C, Zhang S, Verma S, Lonergan D, Lorenzo AJ, Nef S, Baker LA: Loss of Insl3: a Potential Predisposing Factor for Testicular Torsion. *J Urol* 183:2373-2379, 2010.
13. Marchetti J, Verma-Kurvari S, Patel N, Ohnmeiss DD: Are Electrodiagnostic Study Findings Related to a Patient's Response to Epidural Steroid Injection? *PM&R* 2:1016-1020, 2010.
14. Bradley D, Hisey M, Verma-Kurvari S, Ohnmeiss DD: Minimally Invasive Trans-Sacral Approach to L5-S1 Interbody Fusion: Preliminary Results from One Center and Review of the Literature. *Int J Spine Surg* 6:110-114, 2012

PRESENTATIONS

1. Marchetti J, Verma-Kurvari S, Patel N, Gibbs S, Lankford C, Ohnmeiss D: Do EMG Readings Predict Patient's Response to ESI? North American Spine Society. October, 2008; Toronto, Canada.
2. Patel N, Marchetti J, Verma-Kurvari S, Ohnmeiss DD, Lankford C: Relationship of EMG Findings to Changes in Extremity and Axial Pain in Patients Undergoing Surgical Decompression Procedures. North American Spine Society. October, 2009; San Francisco, California.
3. Hisey MS, Bonsignore C, Bradley WD, Verma-Kurvari S, Ohnmeiss DD: Clinical Outcome Following a Minimally Invasive Lumbar Decompression Technique for the Treatment of Lumbar Spinal Stenosis. International Society for the Advancement of Spine Surgery. April, 2013; Vancouver, Canada.

POSTERS

1. Marchetti J, Verma-Kurvari S, Patel N, Gibbs S, Lankford C, Ohnmeiss D: Do EMG Readings Predict Patient's Response to ESI? American Academy of Physical Medicine and Rehabilitation. November, 2008; San Diego, California.
2. Kicinski S, Guyer RD, Zigler JE, Verma-Kurvari S, Ohnmeiss DD: Sacroiliac Joint Dysfunction in Patients Enrolled in Lumbar Total Disc Replacement Trials. Spine Arthroplasty Society. April, 2009; London, England.
3. Guyer RD, Blumenthal SL, Zigler JE, Verma-Kurvari S, Atanasov A, Ohnmeiss DD: Bone Mineral Density Scanning in Potential Lumbar Total Disc Replacement Patients. International Society for the Advancement of Spine Surgery. April, 2011; Las Vegas, Nevada.
4. Blumenthal SL, Guyer RD, Zigler JE, Ohnmeiss DD, Verma-Kurvari S: Reported Re-Operations in Lumbar Total Disc Replacement: Analysis of the Literature. International Society for the Advancement of Spine Surgery. April, 2011; Las Vegas, Nevada.
5. Guyer RD, Blumenthal SL, Zigler JE, Ohnmeiss DD, Verma-Kurvari S: Re-operations in Lumbar Total Disc Replacement: Analysis of the Literature. SpineWeek - North American Spine Society Section. May, 2012; Amsterdam, The Netherlands.
6. Lieberman IH, Sparks J, Ohnmeiss DD, Verma-Kurvari S, Guyer RD, Zigler JE: Comparison of Manual and OfficePACS-Based Digital Methods for Cobb Angle Measurements in Patients with Spinal Deformity. SpineWeek - International Society for the Study of the Lumbar Spine Section. May, 2012; Amsterdam, The Netherlands.
7. Hisey MS, Edwards K, Ohnmeiss DD, Verma-Kurvari S, Guyer RD, Zigler JE: Extreme Lateral Interbody Fusion (XLIF): Clinical Results. SpineWeek - North American Spine Society Section. May, 2012; Amsterdam, The Netherlands.
8. Lieberman IH, Sparks J, Hu X, Ohnmeiss DD, Verma-Kurvari S, Guyer RD, Zigler JE: Comparison of Manual and OfficePACS-Based Digital Methods for Cobb Angle Measurements in Patients with Spinal Deformity. International Meeting on Advanced Spine Techniques. July, 2012; Istanbul, Turkey.
9. Bonsignore C, Bradley WD, Hisey MS, Verma-Kurvari S, Ohnmeiss DD: Clinical Outcome Following a Minimally Invasive Lumbar Decompression Technique for the Treatment of Lumbar Spinal Stenosis. AO Spine Fellows' Forum. March, 2013; Banff, Alberta, Canada.
10. Lieberman IH, Sparks J, Ohnmeiss DD, Verma-Kurvari S, Guyer RD, Zigler JE: Cobb Angle Measurements in Patients with Spinal Deformity: OFFICEPACS-based Digital Method Compared with Traditional Manual Measurements. International Society for the Advancement of Spine Surgery. April, 2013; Vancouver, Canada.
11. Rashbaum RF, Verma-Kurvari S, Ohnmeiss DD: Spinal Cord Stimulator Re-operations: Review of Cases from One Practice. International Society for the Advancement of Spine Surgery. April-May, 2014; Miami, Florida.