

CURRICULUM VITAE

PERSONAL INFORMATION

MIYAGI Masayuki MD, PhD,

Date of Birth: November 7, 1978. Male

Place of Birth: Okazaki city, Aichi prefecture, Japan

Citizenship: Japan

Junior Associate Professor,

Department of Orthopedic Surgery,

Kitasato University, School of Medicine

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Education/Post Graduate Training

Education:

2008.4-2012.3 Department of Orthopaedic Surgery, Graduated School of Medicine,
 Chiba University

1997.4-2003.3 School of Medicine, Chiba University, Japan

1994.4-1997.3 La Salle High School, Kagoshima, Japan

Post Graduate Training:

2014.3-present Department of Orthopedic Surgery, Kitasato University, School of Medicine

2013.4-2014.3 Office of Medical Devices 2, Pharmaceuticals and Medical Devices Agency

2012.4-2013.3 Post-doctoral fellow, Alan Edwards Center for Research on Pain
 Faculty of Dentistry, McGill University

2010.4-2011.9 Global COE Program Research Assistant, Chiba University, Chiba

2008.4-2009.3 Department of Orthopaedic Surgery, Kamitsuga General Hospital, Tochigi,

2007.4-2008.3 Department of Orthopaedic Surgery, Omigawa General Hospital, Chiba

2006.10-2007.3 Department of Anesthesia, Chiba Cancer Center, Chiba

2006.4-2006.9 Department of Orthopaedic Surgery, Chosei Hospital, Chiba

2004.4-2005.3 Department of Orthopaedic Surgery, Shimizu Kohsei Hospital, Shizuoka

2003.5-2004.3 Department of Orthopaedic Surgery, Chiba University Hospital, Chiba

Licensure and Certification

Full Medical License (Japan) No. 433261

Japanese Board of Orthopedic Surgery No. 119741

Professional Specialty

1) Orthopedic Surgery 2) Spine Surgery 3) Pain

Main Research Interests

1) Low Back Pain 2) Intervertebral Disk 3) Spinal deformity 4) Osteoporosis

Professional Society

Membership:

The Internatinal Society for the Study of Lumbar Spine (Active Member)

Society for Neuroscience (Member)

AO Spine (Member)

Asia Pacific Spine Society (Lifetime Member)

The Japanese Orthopaedic Association (Member)

The Japanese Society for Spine Surgery and Related Research (Member)

The Japanese Society of Lumbar spine disorders (Member)

The Japanese Spinal Instrumentation Society (Member)

Japanese Scoliosis Society (Member)

Japanese Society for Tissue Transplantation (Member)

The Japanese Society for Fracture Repair (Member)

Japanese Association for the Study of Pain (Member)

Japanese Association for the Study of Musculoskeletal Pain (Member)

Japanese Orthopaedic Society of Knee, Arthroscopy, and Sports Medisine (Member)

The Eastern Japan Association of Orthopaedics and Traumatology (Member)

The Kanto Society of Orthopaedics and Traumatology (Member)

Honors and Awards (Bold Type: To be awarded as a main researcher)

2024 **Spine Surgery and Related Research, High Citation Award**

2024 53th Annual Meeting of the Japanese Society for Spine Surgery and Related Research,
Best presentation Award

- 2022 **Japanese Scoliosis Society, Best Paper Award**
- 2022 Kanagawa Orthopedics and Traumatology Society, Best Paper Award
- 2020 Kanagawa Orthopedics and Traumatology Society, Best Paper Award
- 2019 **15th Morimura Houmeikai Foundation, The encouragement Award**
- 2019 **59th annual meeting of the Kanto Society of Orthopaedics and Traumatology, Best Reviewer Award**
- 2019 The International Society for the Study of Lumbar Spine Prize Winner
- 2019 Kanagawa Orthopedics and Traumatology Society, Best Paper Award
- 2017 **18th EFORT Congress, the EFORT Jacques Duparc Award**
- 2017 51th annual meeting of Japanese Scoliosis Society, Best Poster Award
- 2017 66th annual meeting of the Eastern Japan Association of Orthopaedics and Traumatology, Case Report Award
- 2017 686th monthly meeting of the Kanto Society of Orthopaedics and Traumatology, Best Presentation Award
- 2016 **The Japanese Society for Spine Surgery and Related Research, Asia travelling Fellowship**
- 2016 17th EFORT Congress, Best Scored Poster Award
- 2014 **The International Society for the Study of Lumbar Spine Prize Winner**
- 2013 **5th The Chiba Medical Society, The encouragement Award**
- 2012 13th EFORT Congress, the EFORT Jacques Duparc Award
- 2012 **Graduate School of Medicine, Chiba University, Graduate School Student Award**
- 2012 **The International Society for the Study of Lumbar Spine Prize Winner**
- 2011 **Dept. of Orthopaedic surgery, Chiba University, Annual meeting, Best paper Award**
- 2011 Asia Pacific Orthopaedic Association Spine and Pediatric Sections 2011, Best Oral Presentation Award
- 2011 **Global COE Program, Chiba University, Annual Best Research Award**
- 2010 **World Forum for Spine Research 2010, Best Oral Presentation Award**
- 2010 "Sekitsui to Shinkei wo Katarukai" 2010, Best Oral Presentation Award
- 2009 Japanese society of Lumbar spine disorders, Poster Presentation Award

Grants

- 2023 Grant-in-Aid for Scientific Research (C), MEXT, 3,700,000 yen
- 2022 Research Grant Program, Kitasato University, School of Medicine, 3,000,000 yen
- 2020 Grant-in-Aid for Scientific Research (C), MEXT, 4,420,000 yen
- 2018 Keyaki-Kai, Kitasato University, School of Medicine, Research Grant, 200,000 yen
- 2017 Grant-in-Aid for Young Scientists (B), MEXT, 4,030,000 yen
- 2017 Research Grant, Kitasato University, 322,000 yen
- 2017 10th Asahikasei Research Grant Program, 500,000 yen
- 2016 Research Grant, SRL Corporation, 300,000 yen
- 2016 Research Grant Program, Kitasato University, School of Medicine, 3,000,000 yen
- 2015 Research Grant, Kitasato University, 500,000 yen

2015 Grant-in-Aid for Young Scientists (B), MEXT, 3,000,000 yen
2015 Research Grant, Japan Osteoporosis Foundation, 800,000 yen
2015 Research Grant, The Uehara Memorial Foundation 2,000,000 yen
2012 Research Grant, National Mutual Insurance Federation of Agricultural Cooperatives 1,000,000 yen
2012 Research Grant, Japan Orthopaedics and Traumatology Foundation 1,000,000 yen
2012 Research Fellowship, The Uehara Memorial Foundation 4,000,000 yen
2012 AZ-AECRP Postdoctoral Fellowship, McGill University (declined)
2011 Research Grant, AOSpine Japan 1,000,000 yen
2011 Research Grant, Mitsui Sumitomo Insurance Welfare Foundation 1,300,000 yen
2011 Research Grant, The Research Support Program of Chiba University 450,000 yen
2011 Special Research Grant, Global COE Program, Chiba University 500,000 yen
2010 Special Research Grant, Global COE Program, Chiba University 300,000 yen
2010 Travel Award, The Naito Memorial Foundation 300,000 yen

Publications

266 papers

Representative Publications

1. **Miyagi M**, Ishikawa T, Kamoda H, Suzuki M, Murakami K, Shibayama M, Orita S, Eguchi Y, Arai G, Sakuma Y, Kubota G, Oikawa Y, Ozawa T, Aoki Y, Toyone T, Takahashi K, Inoue G, Kawakami M, Ohtori S
ISSLS Prize Winner: Disk Dynamic Compression in Rats Produces Long-Lasting Increases in Inflammatory Mediators in Disks and Induces Long-Lasting Nerve Injury and Regeneration of the Afferent Fibers Innervating Disks: A Pathomechanism for Chronic Diskogenic Low Back Pain
Spine. 2012 37(21):1810-8.
2. **Miyagi M**, Millecamps M, Danco AT, Ohtori S, Takahashi K, Stone LS.
ISSLS Prize Winner: Increased Innervation and Sensory Nervous System Plasticity in a Mouse Model of Low Back Pain due to Intervertebral Disc Degeneration.
Spine. 2014 39(17):1345-54.
3. **Miyagi M**, Saito W, Imura T, Nakazawa T, Shirasawa E, Kawakubo A, Uchida K, Akazawa T, Inage K, Ohtori S, Inoue G, Takaso M.
Body Composition in Japanese Girls with Adolescent Idiopathic Scoliosis.
Spine Surg Relat Res. 2020 Aug 31;5(2):68-74.
4. **Miyagi M**, Inoue G, Murata K, Koyama T, Kuroda A, Kawakubo A, Yokozeki Y, Mimura Y, Nanri Y, Inage K, Akazawa T, Ohtori S, Uchida K, Takaso M.

Factors associated with pain-related disorders and gait disturbance scores from the Japanese orthopedic association back pain evaluation questionnaire and Oswestry Disability Index in patients with osteoporosis.

Arch Osteoporos. 2021 Dec 4;17(1):1.

5. **Miyagi M**, Inoue G, Hori Y, Inage K, Murata K, Kawakubo A, Fujimaki H, Koyama T, Yokozeki Y, Mimura Y, Takahashi S, Ohyama S, Terai H, Hoshino M, Suzuki A, Tsujio T, Dohzono S, Sasaoka R, Toyoda H, Orita S, Eguchi Y, Shiga Y, Furuya T, Maki S, Shirasawa E, Saito W, Imura T, Nakazawa T, Uchida K, Ohtori S, Nakamura H, Takaso M. Decreased muscle mass and strength affected spinal sagittal malalignment. Eur Spine J. 2022 Jun;31(6):1431-1437.