

# CURRICULUM VITAE

## BIOGRAPHICAL

Name Dalip Pelinkovic, M.D.

Date of Birth July 9, 1970  
Place of Birth Offenbach, Germany  
Citizenship US  
Home Address 2816 Reserve Court  
Aurora, IL, 60502

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Status Board certified

### Current Employment:

Suburban Orthopaedics August 2018 -Present

### Previous Practices

MM Orthopaedics 2008-2013

Dupage Medical Group 2013-2018  
(MM Orthopaedics was acquired by DMG in 2013)

### Current Privileges

Leave of absence since April 2018 from:  
Edward Hopital, Elmhurst Hospital and Good Sam Hospital

## **EDUCATION & TRAINING**

- |  |  |
|--|--|
| Spine Fellowship                                       | RUSH University<br>Chicago, Illinois<br>Orthopaedic Adult and Pediatric Spine<br>August 2007 until July 2008   |
| Elective Spine Surgery Rotation                        | William Beaumont Hospital,<br>Royal Oak, Michigan<br>Dept. of Orthopedic Surgery<br>Chairman: H. N. Herkowitz, M.D.  |
| Orthopaedic Surgery Residency                          | Wayne State University<br>Detroit, Michigan<br>Dept. of Orthopedic Surgery<br>Chairman: S. DeSilva , M. D.   |
| Preliminary Year in Surgery<br>(Surgical Internship)   | Creighton University<br>Omaha, Nebraska<br>Dept. of Surgery<br>Chairman: D. Jacobs, M.D., Ph.D.  |
| Orthopaedic Surgery Residency<br>(September 2001-2002) | University Hospital of Frankfurt<br>Frankfurt, Germany<br>Chairman: L. Zichner, M.D.,Ph.D.   |
| Research Fellowship<br><br>(February 1999 – 2001)      | University Pittsburgh<br>Medical Center<br>Dept. of Orthopedic Surgery<br>Growth and Development Laboratory<br>Pittsburgh, Pennsylvania<br>Chairman: Freddie H.Fu, M.D.<br>Director: Johnny Huard, PH.D. |

Orthopaedic Surgery Residency  
(August 1997-January 1999) University Hospital of Frankfurt  
Frankfurt, Germany  
Chairman: L. Zichner, M.D.,Ph.D.

Trauma Surgery  
(January 1996 - August 1999) BG Trauma Clinic  
Frankfurt, Germany  
Chairman: M. Börner, M.D.,Ph.D.

Medical School  
August 1989 – October 1995 Johann Wolfgang Goethe University  
Frankfurt, Germany  
Medical Doctor (Thesis)

M.D. Thesis Magna cum laude

Frankfurt University  
Spirometric gated quantitative  
computed tomography of the lung in smokers and non  
smokers  
U. Lörcher, M.D.,Ph.D.  
B. Buhl, M.D.,Ph.D.

Undergraduate School  
Offenbach, Germany Leibnizgymnasium School

## **CERTIFICATION AND LICENSURE**

### Medical Licensure

1996 Unrestricted Medical License  
Germany

1998 Flight Rescue Team License  
Germany

### Certification

2000 Educational Commission for Foreign  
Medical Graduates  
ECFMG No:0-501-680-3

## **MEMBERSHIP IN PROFESSIONAL AND SCIENTIFIC SOCIETIES**

2007 North American Spine Society (applied)

2005 American Academy of Orthopaedic Surgeons

2003 Michigan State Orthopaedic Society

2003 Detroit Orthopaedic Society

1997 Deutsche Gesellschaft für Unfallchirurgie (DGU)

1995 German Society for Orthopedic Trauma and Sportsmedicine (GOTS)

## **HONORS and AWARDS**

November 1995 "Magna cum laude" Medical School Thesis  
for additional research during formal medical school education

April 2000 Regional Zimmer Travel Award as a co-author

March 2002 Traveling Fellowship Japan and Korea  
(German Society for Orthopedic Sports Medicine)

## PUBLICATIONS

### Refereed Articles

1. Dalip **Pelinkovic**, MD,\* Ranjith Kamal Udayakumar, MD,† and Frank M. Phillips, MD\*. Balloon-Assisted End Plate Reduction in High-Energy Burst Fractures. *Seminars in Spine Surgery*.  
© 2010 Published by Elsevier Inc.- to be published
  2. Horas U, **Pelinkovic D**, Aigner T, Herr, and Schnettler R. Autologous Chondrocyte Transplantation and Osteochondral Transplantation – A prospective comparative Trial. *J Bone J Surgery Am*. 2003 Feb;85-A(2):185- 92
  3. **Pelinkovic D**, Lörcher U, Chow U, Kronenberger H, and Buhl R. Spirometric gated quantitative Computed Tomography of the Lung in healthy Smokers and Nonsmokers. *Investigative Radiology*, 32(6):335-343,1997.
  4. Adachi N, **Pelinkovic D**, Lee CW, Fu FH, Huard J. Gene Therapy and Future of Cartilage Repair. *Operative Techniques in Orthopaedics*. April 2001
- Musgrave DS, Bosch P, Lee JY, **Pelinkovic D**, Ghivizzani SC, Whalen J, Nibizi C, Huard J. *Ex vivo* Gene Therapy to produce Bone using different Cell Types. 2000 *Clin Orthop Rel Res* 2000 Sep;(378):290-305
- Lee JY, Musgrave D, **Pelinkovic D**, Fu FH, Huard J. Effect of bone morphogenetic protein-2 expressing muscle-derived cells on healing of critical-sized bone defects in mice. *J Bone Joint Surg Am*. August 2001
- Pelinkovic D**, Lee JY, Adachi N, Fu FH, Huard J. Muscle based gene therapy and tissue engineering. *Crit Rev Eukaryot Gene Expr*. 2001;11(1-3):121-9
- Pelinkovic D**, Martinek V, Engelhardt, Fu FH, Huard J. Tissue engineering and gene therapy of the musculoskeletal system with muscle cells. *Z Orthop* 2000 Sep-Oct;138(5):402-6
- Horas U, Stahl JP, **Pelinkovic D**, Kilian O, Schnettler R. Correction of malunited distal radius fractures by osteotomy and interposition of iliac crest bone span in the radio palmar position. *Unfallchirurg* 2001 Jan;104(1):34-40

Lee CW, Fukushima K, Usas A, Xin L, **Pelinkovic D**, Fu FH, Huard J. Biological intervention based on cell and gene therapy to improve muscle healing after laceration. **J Musculoskeletal Res.** 2000

**Pelinkovic D**, Horas U, Engelhardt M, Musahl V, Fu FH. Gentherapie in der Knochenheilung. **Trauma und Berufskrankheiten** 4/ 2001

Lee,J.Y.; Hall R.; **Pelinkovic,D.**; Cassinelli Z.; Usas,A.; Gilbertson L.; Huard,J; Kang J. New Use of a Three-Dimensional Pellet Culture System for Human Intervertebral Disc Cells: Initial Characterization and Potential Use for Tissue Engineering. **Spine** 2001 **Nov 1;26(21):2316-22**

**Pelinkovic,D.**; Lee, J.Y.; Rodosky, M., Huard, J., Fu F. H.; Muscle based gene therapy of the rotator cuff. **Tissue Engineering** 2003 Feb;9(1):143-51

Lee, J. Y.,Usas A., Musgrave D., Cummins J, **Pelinkovic D.**, Jankowski R., Ziran B., Robbins P., Huard J. Enhancement of bone healing based on ex vivo gene therapy using human muscle derived cells expressing bone morphogenic protein 2. **Human Gene Ther.** 2002 Jul 1;13(10):1201-11

**Pelinkovic D.**, Horas U., Engelhardt M., Lee J. Y., Huard J, Fu F.H. Gene Therapy for Cartilage Repair. **Z Orthop Ihre Grenzgeb.** Z Orthop Ihre Grenzgeb. 2002 Mar-Apr;140(2):153-9

Martinek V., Usas A, **Pelinkovic D.**, Robbins P., Fu F.H., Huard J. Genetic engineering of meniscal allografts. **Tissue engineering.** 2002 Feb;8(1):107-17

## **Chapters & Monographs**

*Spirometric gated quantitative computed tomography of the lung in smokers and non smokers.* Editors: **Pelinkovic D**, Loercher U, and Buhl R. Frankfurt, Germany, 1995.

*Muscle Derived Cell Based Gene Therapy and Tissue Engineering for the Musculoskeletal System.* Nobuo Adachi, **Dalip Pelinkovic**, Kenji Sato, Freddie H. Fu, and Johnny Huard. Tissue Engineering and Biodegradable Equivalents. Scientific and Clinical Applications. Editors: Lewandrowski KU, Trantolo DLW, Yaszemski MJ, Altobelli DE. Marcel Dekker, Inc.. New York-Basel 2002.

## Abstracts

Pelinkovic D, Hao H, Pazmino P, Markel D. TLR-4 Expression in Intervertebral Disc Tissue : a possible Link to Degenerative Disc Disease. **Orthopedic Research Society**, 2006, Chicago, IL

**Pelinkovic D**, Geiger DF, Falahee MH. Stand alone ALIF for recurrent lumbar disc herniations. **IMAST** July 2004.

**Pelinkovic D**, Lee JY, Martinek V, Fu FH and Huard J. Muscle Gene Therapy to deliver IRAP in an Arthritis Model. 47<sup>th</sup> Annual Meeting of the **Orthopedic Research Society**, San Francisco, March 2001.

**Pelinkovic D**, Martinek V, Day CS, Fu FH and Huard J. Use of Many Cell Types to Deliver Genes in the Joint. 46<sup>th</sup> Annual Meeting of the **Orthopedic Research Society**, Orlando, FL, March 2000.

4. **Pelinkovic D**, Fukushima K, Mietzner T, Montelaro R, Fu FH, and Huard J. Novel Antimicrobial Peptides for the Treatment of Orthopedic Infections. 46<sup>TH</sup> Annual Meeting of the **Orthopedic Research Society**, Orlando, FL, March 2000.

Lee CW, Fukushima K, **Pelinkovic D**, Fu FH, and Huard J. Myoblast Mediated Gene Therapy with Muscle as a biological Scaffold for the Repair of full Thickness Defects of Articular Cartilage. 46<sup>th</sup> Annual Meeting of the **Orthopedic Research Society**, Orlando, FL, March 2000.

Martinek V, Seil R, Lattermann C, **Pelinkovic D**, Fu FH, and Huard J. Ex vivo Gene Transfer for pre-conditioning of ACL Tendon Grafts. 46<sup>th</sup> Annual Meeting of the **Orthopedic Research Society**, Orlando, FL, March 2000.

Lee C, Fukushima K, Usas A, Musgrave D, **Pelinkovic D**, Fu FH, and Huard J. Biological Interventions Based on Cell and Gene Therapy to improve Muscle Healing following Laceration. 46<sup>th</sup> Annual Meeting of the **Orthopedic Research Society**, Orlando, FL, March 2000.

Lee C, Martinek V, Musgrave D, **Pelinkovic D**, Fu FH, and Huard J. Muscle Based Gene Therapy and Tissue Engineering for Tibial Physeal Defects. 46<sup>th</sup> Annual Meeting of the **Orthopedic Research Society**, Orlando, FL, March 2000.

Fukushima K, Lee C, Usas A, **Pelinkovic D**, Fu FH, and Huard J. Biological Intervention for Muscle Ischemia. 46<sup>th</sup> Annual Meeting of the **Orthopedic Research Society**, Orlando, FL, March 2000.

**Pelinkovic D**, Martinek V, Lee JY, Day CS, and Huard J. Muscle Based GeneTherapy of Arthritis. Meeting of the **Osteoarthritis Research Society**, Vienna, Austria, September 1999.

11. **Pelinkovic D**, Engelhardt M, and Schlote S. Electron Microscopic Observations in Articular Cartilage Surgery. Meeting of the **International Cartilage Society**, Boston, MA, November 1998.

**Pelinkovic D**, Marx A, and Zichner L.  
Refixation of the Distal Biceps Tendon with Anchor Systems in Comparison with Screw Fixation. Deutscher Orthopädenkongreß, Wiesbaden, Germany, October 1998.

13. Horas U, **Pelinkovic D**, and Börner M.  
The Treatment of Traumatic Articular Defects with Autologous Chondrocytes. **EFORT Kongress**, Barcelona, Spain 1997.

**Pelinkovic D**, Horas U, and Börner M. Autologous Chondrocyte Transplantation after Traumatic Chondral Lesions. **Kongress der Deutschen Gesellschaft für Unfallchirurgie**, 1997.

15. **Pelinkovic D**, Horas U, and Börner M. Autologous Chondrocyte Transplantation after Traumatic Chondral Lesions. **Kongress der Schweizerischen Gesellschaft für Orthopädie** und der Belgischen Gesellschaft für orthopädische und traumatologische Chirurgie.

16. Kronenberger H, Siekmeier R, Kullmer T, Lörcher U, Haas U, Schiller-Scotland ChF, Chow K, and **Pelinkovic D**. Bronchodilatation by Ipratropiumbromide in middle aged smokers in comparison to non-smokers. Tagung der **Deutschen Gesellschaft für Innere Medizin**, Wiesbaden, Germany 1993.





## PRESENTATIONS

2002 **Combined Meeting of the Japanese and Korean Orthopedic Society for Orthopedic Research Society.** "Traumatic Cartilage Defects of the Knee Joint"

2000 **73<sup>rd</sup> Annual Meeting of the Japanese Orthopedic Association**  
"Myoblast mediated Gene Therapy of the Shoulder Joint", Kobe, Japan

1998 **62<sup>nd</sup> Jahrestagung der Deutschen Gesellschaft für Unfallchirurgie** on  
"Surgical Treatment of Skeletal Giant Cell Tumors", Berlin, Germany

**62<sup>nd</sup> Jahrestagung der Deutschen Gesellschaft für Unfallchirurgie,**  
"Joint Salvage Surgery of Osteosarcomas in children", Berlin, Germany

**61<sup>st</sup> Jahrestagung der Deutschen Gesellschaft für Unfallchirurgie.**  
"Autologous Chondrocyte Transplantation and Osteochondral Transplantation - A  
prospective comparative Trial" Berlin, Germany

1998 **Deutscher Orthopädenkongreß,** on "Articular Cartilage Surgery combined with  
ACL Reconstruction", Wiesbaden, Germany

**International Symposium of Sport Medicine,** on "Osteochondral Transplantations of  
Joints", Frankfurt, Germany

**3rd European Traumatology Congress** on "Comparative Study on Autologous  
Chondrocyte Transplantation and Osteochondral Transplantations", Amsterdam,  
Netherlands

**First Symposium of German Czechoslovakian Society**  
on "Borderline Indications for Articular Cartilage Resurfacing" Prague,  
Czechoslovakien

**First Symposium of German Czechoslovakian Society**  
on "Secondary Osteosynthesis of formerly infected non-unions", Prague,  
Czechoslovakia

1997 **13<sup>th</sup> Annual Orthopedic Trauma Association Conference,**  
on "Nail osteosynthesis of formerly septic non-unions", Louisville, KY

1997 **2<sup>nd</sup> Fribourg International Symposium** on “Autologous Chondrocyte and Autologous Osteochondral Transplantation– Two Methods of Treatment of Articular Cartilage Damage”, Fribourg, Switzerland

**Kongress der Deutschen Gesellschaft** für Unfallchirurgie on “Autologous Chondrocyte and Autologous Osteochondral Transplantation– Two Methods of Treatment of Articular Cartilage Damage”, **Hefte zu DER UNFALLCHIRURG.**

1994 **German Radiology Congress** on “Computer tomographic Spirometric Gated Lung Density”, Wiesbaden, Germany

1994 **German Radiology Congress** on “Early Changes in Spirometric Gated High Resolution Lung Density in Heavy Smokers”, Wiesbaden, Germany

1993 **8th European Congress of Radiology** on “Differences in lung function tests and Quantitative CT between smokers and nonsmokers”, Vienna, Austria

## **Grants**

\$ 150.000 “Antimicrobial peptides for the treatment of septic arthritis”  
Arthritis Foundation Pittsburgh, PA  
Mietzner T, Montelaro R, Fu FH, Huard J,  
**Pelinkovic D**