



CURRICULUM VITAE/BIBLIOGRAPHY

Puwapong Nimkingratana

MD PhD MRCS FRCOST

PERSONAL INFORMATION

Date and Place of Birth	October 13, 1982 / Chiang Mai, Thailand
Citizen and Nationality	Thai
Work Address	Department of Orthopaedics, Faculty of Medicine, Chiang Mai University, Thailand 50200 Telephone 66-594-5544 Fax 66-5321-7144
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PRESENT ACADEMIC RANK AND POSITION

- Instructor and Consultant at the Department of Orthopedics, Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand. (2011 – present)

EDUCATION

2006	Doctor of Medicine (MD), Chiang Mai University, Chiang Mai, Thailand.
2007	Graduate Diploma in Clinical Science, Chiang Mai University, Chiang Mai, Thailand.
2011	Diploma, Thai board of Orthopedic Surgery (FRCOST), Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand and The Royal College of Orthopaedic Surgeons of Thailand.
2015	Doctor of Philosophy (PhD) in Stem Cell Research, Faculty of Life Sciences, The University of Manchester, United Kingdom.
2016	Diploma of Intercollegiate Member of The Royal College of Surgeon (MRCS), The Royal College of Surgeons of England, United Kingdom.
2016	Certificate of Clinical and Research Fellow in Articular Cartilage Treatment, Tissue Engineering and Orthopaedic Sports Surgery, The University of Gothenburg, Sweden.

CLINICAL PRACTICE, INTERESTS, AND ACCOMPLISHMENTS

- Clinical practice in general Orthopaedics, arthroscopic sports surgery and cartilage repair
- Research in stem cells and musculoskeletal tissue engineering

HONORS/AWARDS

2009	Second runner up on resident paper contest in 31 st Annual meeting of the Royal College of Orthopedic Surgeons of Thailand and Thai Orthopedic Association, Pattaya, Thailand.
2010	Second runner up on paper contest in “Faculty of Medicine, CMU, Research Award”, Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand.

PROFESSIONAL MEMBERSHIPS AND SOCIETIES

2006-present	The Medical Council of Thailand
2011-present	The Royal College of Orthopedic Surgeons of Thailand (RCOST)
2014-present	The British Society of Matrix Biology
2015-present	The International Society of Stem Cells Research (ISSCR)
2016-present	The International Cartilage Repair Society (ICRS)
2016-present	The Royal College of Surgeons of England (RCS)
2019-present	The AO trauma-AO foundation

PRESENTATIONS AT NATIONAL AND INTERNATIONAL MEETINGS

- 2009 - Chondrogenic Characterization of Matrix-induced Human Chondrocyte Culture with CMU1-scaffold and BD[®] - Scaffold in 31st annual meeting of the Royal college of Orthopaedic Surgeons of Thailand and the Thai Orthopaedic Association, Pattaya, Thailand. (Podium presentation)
- 2013 - The 8th Oswestry Cartilage Symposium at The Orthopaedic Institute, The Robert Jones & Agnes Hunt Orthopaedic Hospital, Oswestry, UK. (Poster presentation)
- The Regenerative Medicine – from biology to therapy at Wellcome Trust Conference Center, Hinxton, Cambridge, UK. (Poster presentation)
- The Mercia Stem Cell Alliance Annual Scientific Meeting 2013 at Keele University, Stoke-On-Trent, UK. (Poster presentation)
- 2014 - The 9th Oswestry Cartilage Symposium at The Orthopaedic Institute, The Robert Jones & Agnes Hunt Orthopaedic Hospital, Oswestry, UK. (Poster presentation)
- The Joint meeting of the British Societies for Matrix Biology and Developmental Biology at The University of East Anglia, Norwich, UK. (Poster presentation)
- The Mercia Stem Cell Alliance Annual Scientific Meeting 2014 at The University of Liverpool, Liverpool, UK. (Poster presentation)
- The 18th Biennial Congress of Asia Pacific Orthopaedic Association (APOA) and the 36th Annual Meeting of the Royal College of Orthopaedic Surgeons of Thailand (RCOST) at Pattaya City, Thailand. (Podium presentation)
- 2015 - The International Society of Stem cell research (ISSCR) Annual Meeting 2015 at Stockholm, Sweden (Poster presentation)
The 5th Annual Meeting of Thai Orthopaedic Society for Sports Medicine, Hua Hin, Thailand (Podium presentation)
- 2016 - The 13th World Congress of the International Cartilage Repair Society (ICRS), Sorrento, Italy (Poster presentation)
- The Royal College of Orthopaedic Surgeons of Thailand and ASEAN Orthopaedic Association Combined Meeting (RCOST & AOA 2016), Chiang Mai, Thailand (Podium presentation)
- 2017 - The International Cartilage Repair Society (ICRS) Heritage Summit Gothenburg 2017, Gothenburg, Sweden (Poster presentation)

INVITED LECTURE AND DEMONSTRATION AT NATIONAL AND INTERNATIONAL MEETINGS

- 2015 - Orthopaedic Basic Sciences for Orthopaedic Resident 2015, the Royal College of Orthopaedic Surgeons of Thailand (RCOST), Bangkok, Thailand

- 2016 - Orthopaedic Basic Sciences for Orthopaedic Resident 2016, the Royal College of Orthopaedic Surgeons of Thailand (RCOST), Bangkok, Thailand

- 2017 - Orthopaedic Basic Sciences for Orthopaedic Resident 2017, the Royal College of Orthopaedic Surgeons of Thailand (RCOST), Chulalongkorn University, Bangkok, Thailand
 - Sports Medicine Intensive day 2017, the Royal College of Orthopaedic Surgeons of Thailand (RCOST), Bangkok, Thailand
 - The 7th Annual Meeting of Thai Orthopaedic Society for Sports Medicine 2017, the Royal College of Orthopaedic Surgeons of Thailand (TOSSM), Hua Hin, Thailand
 - AO Trauma Course—Basic Principles of Fracture Management 2017, the Royal College of Orthopaedic Surgeons of Thailand (RCOST), Bangkok, Thailand
 - AO Alliance Basic in Clinical Research Course 2017, Yangon, Myanmar
 - The 39th Annual Meeting of Royal College of Orthopaedic Surgeons of Thailand (RCOST 2017), Pattaya, Thailand

- 2018 - Sports Medicine Intensive day 2018, the Royal College of Orthopaedic Surgeons of Thailand (RCOST), Police General Hospital, Bangkok, Thailand
 - Fellow Course Knee-Shoulder Cadaveric Workshop, the Royal College of Orthopaedic Surgeons of Thailand (RCOST), Siriraj Hospital, Bangkok, Thailand
 - Orthopaedic Basic Sciences for Orthopaedic Resident 2018, the Royal College of Orthopaedic Surgeons of Thailand (RCOST), Ramathibodi Hospital, Bangkok, Thailand
 - AOPEER Principles of Clinical Research course, Bangkok, Thailand
 - Thailand North Orthopaedics meeting 2018, Nan Hospital, Nan, Thailand
 - The 8th Annual Meeting of Thai Orthopaedic Society for Sports Medicine 2018, the Royal College of Orthopaedic Surgeons of Thailand (TOSSM), Hua Hin, Thailand

- 2019 - Sports Medicine Intensive day 2019, the Royal College of Orthopaedic Surgeons of Thailand (RCOST), Somdech Phra Pinklao Hospital, Bangkok, Thailand
 - Fellow Course Knee-Shoulder Cadaveric Workshop, the Royal College of Orthopaedic Surgeons of Thailand (RCOST), Ramathibodi Hospital, Bangkok, Thailand
 - Orthopaedic Basic Sciences for Orthopaedic Resident 2019, the Royal College of Orthopaedic Surgeons of Thailand (RCOST), Ramathibodi Hospital, Bangkok, Thailand
 - AOPEER Principles of Clinical Research - In collaboration with AOVET, TMU, TCVS and MDA, Taipei, Taiwan ROC

- 2019 - The 9th Annual Meeting of Thai Orthopaedic Society for Sports Medicine 2019,
(cont.) the Royal College of Orthopaedic Surgeons of Thailand (TOSSM), Hua Hin,
Thailand
-AOTrauma Course- Basic Principles of Fracture Management 2017, the Royal
College of Orthopaedic Surgeons of Thailand (RCOST), Bangkok, Thailand

LIST OF PUBLICATION

- KLANGJORHOR, J., NIMKINGRATANA, P., SETTAKORN, J., PRUKSAKORN, D., LEERAPUN, T., ARPORNCHAYANON, O., ROJANASTHIEN, S., KONGTAWELERT, P. & POTHACHAROEN, P. 2012. Hyaluronan production and chondrogenic properties of primary human chondrocyte on gelatin based hemostatic spongostan scaffold. *J Orthop Surg Res*, 7, 40.
- WONGTRIRATANACHAI, P., PRUKSAKORN, D., POTHACHAROEN, P., NIMKINGRATANA, P., PATTAMAPASPONG, N., PHORNPHUTKUL, C., SETSITTHAKUN, S., FONGSATITKUL, L. & PHROMPAET, S. 2013. Autologous chondrocyte implantation for cartilage injury treatment in Chiang Mai University Hospital: a case report. *J Med Assoc Thai*, 96, 1518-22.
- NGUYEN, D., HÄGG, DA., FORSMAN, A., EKHOLM, J., NIMKINGRATANA, P., BRANTSING, C., KALOGEROPOULOS, T., ZAUNZ, S., CONCARO, C., BRITTBERG, M., LINDAHL, A., GATENHOLM, P., ENJDER, A., & SIMMONSON, S. 2017. Cartilage tissue engineering by the 3D bioprinting of iPSC cells in a nanocellulose/alginate bioink. *Sci Rep*, (accepted 3 March 2017)
- Wang T, Nimkingratana P, Smith CA, Cheng A, Hardingham TE, Kimber SJ. Enhanced chondrogenesis from human embryonic stem cells. *Stem cell research*. 2019;39:101497. (co-first author)