

**Research activity of the “Athens Microneurosurgery Laboratory”
(2014-2016)**

International Publications

1. Approaching the Atrium through the Intraparietal Sulcus: Mapping the sulcal morphology and correlating the surgical corridor to underlying fiber tracts.

Koutsarnakis C, Liakos F, Kalyvas AV, Liouta E, Emelifeonwu J, Kalamatianos T, Sakas DE, Johnson E, Stranjalis G.

Neurosurgery. 2016 October (in press)

2. White matter fiber tract architecture and Ventricular Surgery.

Koutsarnakis C, Liakos F, Kalyvas AV, Komaitis S, Stranjalis G.

J Neurosurg. 2016 September (in press)

3. Approaches to the Ventricular Atrium.

Koutsarnakis C, Kalyvas AV, Stranjalis G.

J Neurosurg. 2016 July (in press)

4. The Microsurgical Anatomy of the Orbitofrontal Arteries.

Mavridis IN, Kalamatianos T, Koutsarnakis C, Stranjalis G.

World Neurosurg. 2016 Feb 11. [Epub ahead of print]

5. Microsurgical Anatomy of the Precuneal Artery: Does It Really Exist? Clarifying an Ambiguous Vessel under the Microscope.

Mavridis IN, Kalamatianos T, Koutsarnakis C, Stranjalis G.

Neurosurgery. 2015 Oct 27. [Epub ahead of print]

6. The Cerebral Isthmus: Fiber tract anatomy, functional significance and surgical considerations.

Koutsarnakis C, Liakos F, Liouta E, Themistoclis K., Sakas DE, Stranjalis G.

J Neurosurg.2016 Feb;124(2):450-62.

7. The role of white matter dissection technique in modern neuroimaging: can neuroradiologists benefit from its use?

Liakos F, Koutsarnakis C.

Surg Radiol Anat. 2016 Mar;38(2)

8. A laboratory manual for stepwise cerebral white matter fiber dissection.

Koutsarnakis C, Liakos F, Kalyvas AV, Sakas DE, Stranjalis G.

World Neurosurg. 2015 Aug;84(2):483-93.

J. Neurosurg IF 2014 = 3, 73

Neurosurgery IF 2014 = 3, 62

J. Neurosurg IF 2015 = 3, 44

World Neurosurgery IF 2014 = 2, 87

Neurosurgery IF 2015 = 3, 78

World Neurosurgery IF 2015 = 2, 68

Surgery Radiology Anatomy IF 2015 = 1, 2

International Presentations

1. Approaching the Atrium through the Intraparietal Sulcus: Mapping the sulcal morphology and correlating the surgical corridor to underlying fiber tracts.

EANS 2016 Congress. The 16th European Congress of Neurosurgery.

2. The superior frontal transsulcal corridor to the anterior ventricular system. Exploring the sulcal and subcortical anatomy using white matter dissections and DTI tractography.

EANS 2016 Congress. The 16th European Congress of Neurosurgery.

3. Temporal lobe anatomy

C. Koutsarnakis

**Invited speaker at the monthly Scottish Neurosurgical training meeting
(November 2016 Perth, Scotland)**

International Courses organized

- **2nd International Neurosurgical Anatomy and White Matter Dissection course – under the auspices of EANS.**

(18/4/2016-22/4/2016 Venue: Athens Microneurosurgery Laboratory, Athens, Greece)

- **1st International Neurosurgical Anatomy and White Matter Dissection course – under the auspices of EANS.**

(20/4/2015-23/4/2015 Venue: Athens Microneurosurgery Laboratory, Athens, Greece)

Prizes

The cerebral isthmus: Definition, fiber tract anatomy and functional considerations.

Liakos F, Koutsarnakis C, Liouta E, Kalyvas A, Stranjalis G.

1st Prize for the best oral presentation (29th Hellenic Neurosurgical Conference)