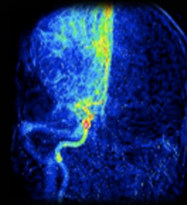


# 6<sup>th</sup> International Symposium on Collaterals to the Brain

## Collaterals 2019



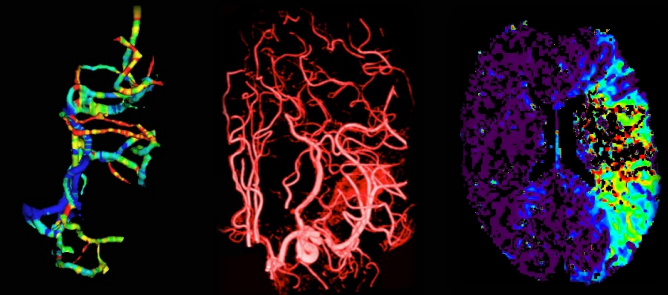
co-chairs David S Liebeskind, MD & Ashfaq Shuaib, MD



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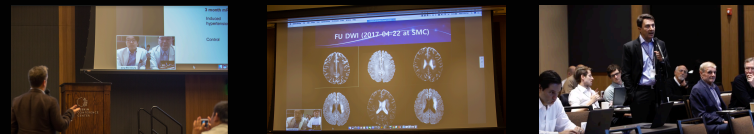
November 4 - 6, 2019  
Los Angeles, CA

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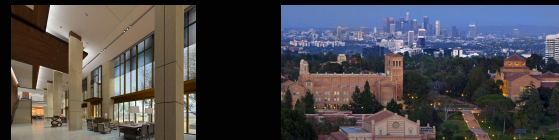


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